FLORIDA SKIP

VOL. 34 No. 11 *THE ALL-FLORIDA AMATEUR RADIO PUBLICATION* SEPTEMBER 1992 *75 Cents*

FLORIDA HAMFEST UPDATE

FLORIDA HAMFEST UPDATE

8/1/92

DATE	LOCATION	NOTES
Sept 12/13	Melbourne	Melbourne Auditorium, 625 Hibiscus Blvd. Talk-in on 146.85
Sept 26	Starke	Bradford County Fairgrounds US 301 & SR 100 Talk-in on 145.150
Sept 27	New Port Richey	Recreation Center, 6630 Van Buren Talk-in on 145.350
Oct 3	Titusville	FREE! At Arthur Dunn Airport in Titusville Talk-in on 146.910
Oct 24/25	West Palm Beach	Expo Center, South Fla Fair Grounds on State Road 80. Talk-in on 147.165
Nov 7	Eustis	Lake County Hamfest at the Fair Grounds Talk-in on 147.255 & 442.900
Nov 21/22	Tampa	Expo Hall, Fla State Fair Grounds Talk-in on 146.940
Dec 5	Okeechobee	Talk-in on 147.195
1993		
Jan 23	Crystal River	At the Crystal River Armory Talk-in on 146.955
Jan 24	Pinellas Park	Benefit Pinellas Park Boy's Club 61st St N. Talk-in on 147.060
Feb 6/7	Miami	At Fairgrounds, SW 112th Ave & Coral Way Talk-in on 146.925
Feb 13	Pensacola	Bayfront Municipal Auditorium Talk-in on 146.760 & 444.925
Feb 19/20	Sarasota	At Robards Sports Arena Talk-in on 146.910 & 146.730
Feb 20	Stuart	FREE! At Langford Park, Jensen Beach Talk-in on 147.060
Feb 27	Brooksville	Hernando County Fairgrounds Talk-in on 146.715
Mar 12/14	Orlando	Central Florida Fairgrounds 4300 W. Colonial Dr Talk-in on 146.760
Mar 20/21	Ft. Walton Beach	North Florida Ham/Swapfest at the Fairgrounds in Ft. Walton Beach Talk-in on 146.790

****
* Send any corrections or additions on packet to KB4VOL @ KB4VOL *
* This update replaces all previous lists, which should be discarded *
****

FIGURES DON'T LIE, OR DO THEY?

The following figures were released recently by ARRL. Total numbers of Florida amateurs in North Florida are 11,673 and of that number 3,175 are ARRL members for a 27 percentage.

Total amateurs in South Florida are 22,237, with ARRL members of 5,302 for a percentage of 24 percent.

TOTALS: Florida amateurs - 33,910. Florida ARRL members - 8475 for a grand total percentage of 25.5 percent.

(Editor's Note: That 24% is not bad. We are ashamed of giving you Florida Skip percentages! AC)

DURING an Indian River ARC meeting, Dick Weller, WN4K, (left) and 80 other members listened intently to John Nauman's W9CN,interesting presentation about vintage radio equipment. Holding an anitique tube and a D104 microphone. John Demonstrated a Multi-Products Elmac Transmitter (center bottom); a 1920's Westinghouse AM receiver (center top) and a National SW-3 receiver. Photo by Carl Zelich AA4MI. (Editors Note: The SW-3 was my first receiver in 1939. I wish I had it now!!)

KENNEDY SPACE CENTER LAUNCH INFORMATION

by Florida Skip Correspondent Carl Zelich, AA4MI

With all the Shuttle Amateur Radio Experiment (SAREX) activity going on, hams in the Cape Canaveral area get many questions from visiting hams.

"How can I get a Launch Pass?" Well the good news is, just write to: Public Affairs, Launch Pass, Kennedy Space Center, FL 32899. They are issued on a first-come, first-served basis.

The bad news is that NASA has a fixed-number of Vehicle Passes for each launch. You cannot request a launch pass for a particular launch. You send in your request and NASA keeps issuing passes for each launch until that allotment runs out. Then they start issuing vehicle passes for the next launch. Extreme patience must be used. NASA does not issue passes too far in advance of a launch. Once an allotment is issued, they may wait several months before resuming issuing of passes.

But the good news is that you can fill up your vehicle with many people. The Vehicle Pass is for the vehicle; not each person.

The KSC Visitor Center had over 3 million visitors last year. Consequently local radio amateurs answer many questions about launch status and help with directions. You can reach them via 146.85(−), 146.88(−), 146.91(−) and 145.37(−) MHz. repeaters.

You can also call NASA's 24 hour launch information recording at 407-867-2525. This recording gets updated twice each day.

Finally, beginning one hour prior to launch and ending one hour after landing, the entire mission audio is transmitted on 146.94 MHz.

Also you're welcome to attend any of the many local club meetings held throughout the month.

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DEADLINE: 8th of month in P.O. Box 501, Miami Springs, FL 33266.
(See Advertising Rates in Hambar Section)

SILENT KEYS

We are deeply sorry to report the passing of the following Radio Amateur Operators. Kindly advise SKIP Editor if you hear of any in your area. Thanks.

W4PWB	Walter A. Wentworth, 88	St. Petersburg
K4NI	Walter Bickmeyer, 87	Deerfield Beach
K4JBI	Robert Hertzberg, 87	Boca Raton
N4BGS	Sam Hameroff, 79	Gulf Port
W4PTT	Pete Nissen	Jacksonville
WA4EWJ	Roger L. Deakins	Titusville
W1FEE	Edgar Roderick	Bonita Springs
WD4ADG	Leonard G. Dornbush	Englewood
N4HAZ	Vera E. Pratt	Bradenton
WA4HTP	Stanley R. Pomfret	Sarasota
W4LYN	Gilbert Richmond	New Smyrna Beach
N4QDG	Walter J. Sutherland	Holmes Beach
W4SUH	Donald F. Bearce	Sarasota

MELBOURNE GEARS UP FOR HAMFEST

Gerry Wentz, Florida Skip Correspondent

The Platinum Coast Amateur Radio Society of Melbourne is readying themselves for their 27th annual Hamfest, Saturday and Sunday, September 12th and 13th. As in past years, the 'fest will be held at the Melbourne Auditorium on Hibiscus Blvd. but conditions this year will be considerably improved over last year. Last year, as you may remember, and can one forget, the auditorium and surrounding grounds were under construction. Parking was a test of devotion and the dictionary of epithets gained some newly invented words. The construction is completed and PCARS hopes their corps of parking engineers will effectively negate the parking problems.

As in the past, talk-in will be on the 146.25/85 PCARS repeater (not 145.85 as erroneously printed on the ad). That was not the fault of *FLORIDA SKIP*; I'll take the blame for that one. There will be more floor space inside the auditorium and therefore, more to see.

The program will include: ARRL Forum, Technical Topics, and Net Meetings. No exams will be given. PCARS is looking forward to seeing you all at the Hamfest.

CHERISH ALL YOUR MEMENTS: THEY MAKE A FINE CUSHION FOR OLD AGE... tu Duke KI4GH

LETTERS

OPEN LETTER TO ALL DADE AMATEURS

I have decided to resign as ARRL Emergency Coordinator for Dade County as of August 31, 1992. I have served as EC for 30 years and SEC for South Florida for 12 years. While serving as SEC I held a perfect reporting record! At that time it was called East Florida not South Florida. I feel after 42 years it is time to pass on the torch to another.

I would like to strongly recommend as my replacement Mr. Norman Ward, K4RBR of 18811 Oakmont Drive, Miami, FL 33156, phone 305-829-5437. Norm has been my right hand man for over a year and has been doing many of the duties of the EC. He is the only amateur in this county I could recommend as my replacement at this time. Norm has been a member of our Dade County Amateur Radio Public Service Corps since it began and is well informed on all local matters. I plan to stay on as his right hand man until such time as he selects someone else.

It has been a real pleasure serving the AMERICAN RADIO RELAY LEAGUE and SEC and EC all these years. I feel Dade County has a very strong AREC Planning Committee which has worked closely together the past 18 years. The Committee consists of all major clubs and repeater groups plus three governmental agencies, all working together for the good of Amateur Radio in this county.

Please accept my resignation in good faith.

73, Andrew C. Clark W4IYT

OPEN LETTER

I would like to thank the "Hams" for their telephone calls and their cards to Sam when he was ill. They have been wonderful. I want them to know that it's deeply appreciated and my family and I will never forget them.

Fondly,
Augusta Hameroff
Gulfport, FL 33707

Dear Andy;

I am surprised that you included Open Letter To Senator Albert Gore, Jr. in *Skip*. While Senator has an enviable record in the military his running mate is nothing but a draft dodger, 1st class. This is a slap to all Veterans and current GIs.

I am sorry that *Skip* has gotten into politics.

73's
Sincerely
Bill Rheney, NX4R
Miami, FL 33143

(Editors Note. SKIP is NOT in politics! The letter was printed as a "Request" from a SKIP Member. Sorry about that Bill! 73 AC)

SKIP-ITS

A bachelor is a fellow who never made a mistake once.

Some women not only meet their husbands halfway, but even go the whole way — right to the office on pay day.

A man will always pay a fancy figure to check his hat.

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Name _____

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ARRL BOARD JULY HIGHLIGHTS
by Florida Skip Correspondent
Carl Zelich, AA4MI

ARRL Bulletin 68, July 19, 1992 from W1AW: The ARRL Board met in Rocky Hill, CT, July 17 and 18, 1992. The following is a summary of the meeting highlights.

The Board directed that a petition for rulemaking be drafted for filing with the FCC to effect semiautomatic, unattended digital operation on the hf bands.

The board deferred further consideration of changing the name of the organization until the 1993 Annual Meeting.

A national alert dtmf tone standard was adopted in response to a Public Service Advisory Committee recommendation.

Abdul Jabbar Marafi, 9K2DZ, was selected as the recipient of the ARRL International Humanitarian Award for 1991 for his work as the last voice from Kuwait.

Patrict Hensley, N4ROS, was selected as the ARRL Professional Instructor of the Year for 1991.

Thomas Hammond, N0SS, is Herb S. Brier Instructor of the Year.

James F. Heil, KB5AWM, was picked as the inaugural recipient of the Phillip J. McGAN Silver Antenna Award.

The 1991 Technical Excellence Award went jointly to Roy Lewellen, W7EL, Rick Campbell, KK7B, and Bruce Hale, KB1MW.

The ARRL will cast votes supporting admission of the Chinese Taipei Amateur Radio League, the Association of Radio Amateurs of Slovenia, and the Croation Radio Amateur Association to the IARU.

ARRL staff was directed to more effectively promote family membership to licensed spouses and children of ARRL members.

A Field Organization Volunteer of the Year award was created to be administered at the division level.

An ARRL Industry Advisory Council was created in response to a Long Range Planning Committee recommendation.

The Board encouraged Section Managers to appoint assistants to promote youth activities in their sections.

The Board authorized a new official family style callsign badge for life members.

A full report of the ARRL Board of Directors meeting will appear in Sept. QST.

FREEBANDERS FINED

The Field Operations Bureau has issued Notices of Apparent Liability for Monetary Forfeiture to 54 radio operators. These individuals, commonly known as "freebanders," engage in Citizens Band type activity just outside the CB band. This constitutes unlicensed operation because they are transmitting on a frequency for which they are not licensed. Those who failed to permit inspection of their transmitting equipment received an additional fine.

The Communications Act prescribes that radio communications be made only in accordance with a license granted by the Commission. Unlicensed use of frequencies reduces the effectiveness of the communications service for authorized users. Unauthorized operation is a very serious matter and will continue to receive enforcement attention from the Commission.

Forfeitures ranged in amount from $250 to $3,500 depending on the nature of the violations, financial impact, whether they were repeated, and other factors.

The individuals and cities are:

Eddie Conner	Fort Myers, Florida
Carmen Gloria Roman	Davie, Florida

plus 52 other persons!

For more information concerning this news release contact Wayne McKee at (202) 632-7059.

PLATINUM COAST AMATEUR RADIO SOCIETY
PRESENTS THE

27th ANNUAL MELBOURNE HAMFEST

Saturday & Sunday
September 12th & 13th, 1992
Melbourne Auditorium, Hibiscus Blvd, Melbourne, FL
Talk-in on the 145.25/85 Repeater

Swap Tables
- $10 one day, $15 both days
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Ph: 407-768-0200 Fax: 407-984-2528
$45.00/room - Mention Hamfest

Program:
- ARRL Forum
- Technical Topics
- Net Meetings
- EXAMS WILL NOT BE GIVEN

PCARS Hamfest, 511 Eleutheria Lane, Melbourne, FL 32937

TOP TWENTY TRAFFICERS - JULY 1992

by WA4PFK and WB4GHU

STATION	TOTAL	STATION	TOTAL
1. W3CUL	3009	11. K4FQU	202
2. W3VR	1088	12. KC4ECA	187
3. WA9VND	567	13. KD4ELJ	156
4. K4SCL	362	14. W4DL	147
5. KC4ZHF	341	15. K4ZK	135
6. WA4EIC	332	16. AA4HT	127
7. KB4WBY	319	17. WB4WYG	121
8. K4EUK	309	18. KA4FZI	120
9. WA4PFK	300	19. KC4PZG	131
10. KD4GR	210	20. KD4ELI	110

TRAFFIC HOUNDS - JULY, 1992

by Bill Jochimsen, K4ZK - STM, So. Fla.

NET	QNI	AVG.	QTC	AVG.	SESS.	MGR	QTC/QNI
OFN	827	13.3	558	9	62	AA4HT	.67
SEFTN	1136	36.6	407	13.1	31	KD4GR	.35
FPTN	1108	36	351	11.3	31	WB4WYG	.31
FMTN	522	16.8	284	9.2	31	WX4H	.54
GN	153	4.9	226	7.3	31	W4DL	1.47
TPTN	385	12.4	225	7.2	31	WB4QKI	.58
DEN	599	119.8	151	30.2	5	WD4ITI	.25
FAST	319	5.1	118	1.9	62	WD4KBW	.36
SVTN	804	26.8	110	3.6	30	KC40NA	.13
SWFTN	519	19.2	108	.4	27	K4FQU	.20
FMSN	281	9.1	93	3	31	KC4ECA	.33
OFNS	223	7.2	82	2.6	31	WA4QXT	.36
SPARC	505	16.3	38	1.2	31	N4ZMQ	.07
PBTN	788	29.2	28	1	27	KD4GJM	.03
AIN	41	10.3	15	3.8	4	WA4PFK	.36
BCEPN	195	48.7	7	1.7	4	KN4UW	.03
ENMC	50	10	3	.6	5	K4ZK	.06
SFAN	35	8.8	0	0	4	KD4GR	0.00

TOTAL QTC: 2804 AVG QTC/QNI .34

LATE: JUNE

FAST	288	4.8	94	1.6	60	WD4KBW

FLORIDA C.W. NETS

By Ed, K4IA

FMSN reported by J.B., KC4ECA: The net would like to welcome AE8G, Ted in Lake Worth. Formerly from Sterling VA, Ted has a fist that's easy to copy. Other summertime checkins include Howie, N2WX; Bill, WB4WYG and *FLORIDA SKIP* Editor Andy, W4IYT. New acquaintances for me include Walt, W4DWN; Ed, WB4QKI and Ron, KC4VKT.

Fred, AA4FG has helped me in getting my records straight for the job of net manager. He is most often the TPTN Liaison. Right along side Fred is OB, WC4D who has agreed to be QFN rep on Mondays until Walt, WA4QXT replaces his unpredictable paddle. Walt, are you listening to the trader nets?

We all enjoy working FMSN or we wouldn't be showing up as often as we do. However, as I said last month, we could double the enjoyment by bringing in just one piece of traffic once a week. How about congratulating that family member on graduation, wedding anniversary, birthday, reunion, first 100 mile bicycle ride... Did you hear the new rule on FMSN: "Don't touch that key without a QTC". Bring it to 7061 KHz at 1750 local time 7 days a week. See you in Melbourne. 73, J.B.

Gator Net Manager Dan, W4DL writes: George, K4JI is back on the net after a trip and the net missed him.

Bill, WT4F did a good job subbing for George as NCS. Thanks.

Chris, N4EKC recovering from a slight stroke, is home from the hospital, and will soon join the net.

Mae, W3CUL and Al, W3VR replaced the garage door so out came all the radio gear. Now it's all back in but still a door problem.

Dan, W4DL is studying a method to increase Gator Net traffic. Will inform those interested when completed.

After 42 years of continuous service as Dade County EC and SEC Andy, W4IYT has decided to resign the post. His well qualified replacement is Norm Ward, K4RBR who will assume his duties August first. (See page 1, November 1991 *FLORIDA SKIP* for info on Norm.) 73, Dan.

Bill, KI4US, President of the Motorola ARC accepts a nice plaque from Laura, WA9VND on behalf of the South East Florida Traffic Net. See listing of all Florida traffic lets in SKIP and participate when you can. Thanks.

From Rip, AA4HT, QFN Net Manager: Thanks to Don, WA4GYR for the fine job he did as QFN manager over the past year. I know the net can continue to rely on Don for assistance in the future if needed. Although the volume of checkins in July remained fairly good, the traffic count was down.

I saw WB4GHU, Ron Mettler STM NFL at the Jacksonville hamfest and he informed me that his complete station was destroyed in a fire at him house recently. He is presently negotiating with the insurance company and hopefully will be back on the air soon. WA4QXT and others are taking Ron's traffic for him.

Many thanks to all of you for your help filling in during the summer vacations. The cooperation of the net members is why it is enjoyable to be associated with this net. There is an opening for a regular RN5 rep on Saturdays. I certainly appreciate Howie, N2WX filling until a permanent rep can be found. If anyone is interested please let me know. Try it you will like it. 73, Rip.

QFNS Reported by WA4QXT: My name is Walt in Casselberry. Ron, WB4GHU called me June 30th and told me he wanted to twist my arm and here I am again, net manager of QFNS for the third time.

High QNI were WC4D, WA4PFK, KA4FZI, WA9VND followed by WA4QXT and KD4GR. Great job that KD4GR did as substitute NCS on Tuesday July 28th. I hope to have him NCS often. We meet every night at 2000 local time on 3715 KHz. If you just have to watch TV at that time, well how about using a VCR and taping TV and joining us on QFNS? Then you will have both. 73, Walt.

QSY NET TO P. 6

ICOM

		MSRP	SALE
IC-726	HF MULTI MODE W/6METERS	1299.00	945.00
IC-728	HF MULTI MODE 26 MEM SCAN	1092.00	895.00
IC-729	HF+6 METERS SAME A IC 728	1412.00	1165.00
IC-735	HF 100W GEN COV 12DC MOB	1149.00	859.00
IC-751A	HF 100W GEN COV DELUXE VERSION	1699.00	1160.00
IC-2AT	2MTR HT 1.5 WATT THUMB WHEEL	280.00	219.00
IC-2GAT	7W,20(MEM,OFFSET,TONES,LOCKOUT)	429.95	309.00
IC-2SAT	COMPACT HT 2-5W 48 MEM,	439.00	309.00
IC-2SRA	2M HT W BUILT-IN SCANNER 25-950MHz	600.00	475.00
IC-3SAT	220MHZ COMPACT HT	449.00	289.00
IC-4GAT	6W,20(MEM,OFFSET,TONES,LOCKOUT)	449.00	309.00
IC-4SAT	440MHz COMPACT HT	449.00	295.00
IC-4SRA	70CM HT W/BUILT-IN SCANNER 25-950MHz	600.00	475.00
IC-24AT	MINI DUAL BAND HT 80MEM/XBAND DUPLX	565.00	379.00
IC-02AT	5W 2METER HT,TTN,TONES,SCAN,10MEM	409.00	280.00
IC-P2AT	2 METER HT 103 MEM	421.00	349.00
IC-P3AT	220MHz HT 103 MEM	421.00	349.00
IC-P4AT	440MHz HT 103MEM	467.00	390.00
IC-W2A	DUAL BAND/DUAL DISP 1AMP BATT	629.00	485.00
IC-28H	2 METER 45 WATT 21 MEM	393.00	325.00
IC-228H	2 METER 45 WATT W/ENCODE T. 20 MEM	425.00	360.00
IC-229A	25WATT 20MEM AUTO-DIAL MIC	449.00	319.00
IC-229H	50WATT VERSION OF IC-229A	479.00	349.00
IC-449	35 WATT UHF 20MEM 14 AUTO DIAL	599.00	389.00
IC-2410AB	2 BAND 25V/UW STEALTH READOUT	889.00	589.00
IC-2410AH	DUAL BAND 25V/UW ORANGE LCD	889.00	610.00
IC-3220A	DUAL BAND 25 WATT	685.00	569.00
IC-3220H	45W-VHF/35W-UHF AUTO-DIAL	727.00	689.00
IC-R1	H.H. RECEIVER 100KHz-1300MHz GC	624.00	450.00
IC-R71A	HIGH QUALITY GEN COV BASE RCVR	1019.00	830.00
IC-R72	BASE GC RCVR INT.BAT.AM/FM/SSB/CW	972.00	799.00
IC-R100	MOBILE 100KHz-1300MHz AM/FM/WFM	707.00	579.00
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Just yesterday, August 7th, I was the designated NCS for FMSN operating of 7061 KHz. After a few minutes with no response N4LAO called saying that AA4FG was also acting as NCS. Then AA4CH QNI OK. N4LAO listed AA4BN, WC4D and WA9VND as QNI but I never heard them or AA4FG. An hour and a half later QFN started on the same frequency but until moving to 80 could do little traffic handling. We need to find a way to better anticipate band conditions. Hope to see you at Melbourne. - 73, Ed, K4IA

SORRY NO SSB NEWS HERE AD DEADLINE TIME.

FLORIDA TRAFFIC NETS

Net	Frequency	Time (eastern)
Florida Phone TFC Net (FPTN)	3940	0700
Gator Net (GN)	7068	0830
Florida Midday TFC Net (FMTN)	7247.5	1145
Tropical Phone TFC Net TPTN	3940/7243	1700
Florida Medium Speed TFC Net (FMSN)	3651/7061	1750
South Florida Amateur SSB TFC Net (FAST/E)	3940	1800
South Florida Amateur SSB TFC Net (FAST/L)	3940	2230
Northern Florida Phone Net (NFPN)	3950	1830/1930
All-Florida CW TFC Net (QFN/E)	3651/7061	1900
All-Florida CW TFC Net (QFN/L)	3651	2200
All-Florida Slow CW TFC Net (QFNS)	3715	2000
Florida Public Operations Net (FPON)	3908	1630
ARRL Information Net (AIN)	3940	0730 (saturday)
Northern Florida Emergency Net	3950	0900 (monday-saturday)
Southern Florida ARES Net	3940	0800 (saturday)

CLIP AND SAME

Note One

Southern Florida Emergency Coordinators and ARES members should monitor 3940 or 7247 KHz in addition to their local net in the event of an emergency. The emergency operations schedule for Florida section nets will be followed if there is a section-wide emergency.

Note Two

The ARRL Net Directory provides a more detailed listing of local and special interest nets (12-7-91).

FLORIDA ROUTING TRAFFIC GUIDE

A must in every Florida Ham Shack. Edited by Ron Mettler, WB4GHU. ARRL numbered texts, CW abbreviations, Emergency Communications, Florida city abbreviations, Florida cities listing, ICAO alphabet info on traffic handling, Message form, Florida net listing, NTS routing guide, QN signals, 3rd party traffic restrictions, toll-free calling areas, 2 letter state abbreviations, State abbreviation and ZIP codes, ARRL Net Directory registration form, MARS "Z" signals most used, and more. 64 pages.

ONLY $5.00

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FLORIDA SKIP

P.O. Box 501, Miami Springs, FL 33266

CENTRAL FLORIDA ATV NET

by Florida Skip Correspondent
Carl Zelich, AA4MI

Want to find out more about Amateur Television? Just check-in to the Central Florida ATV Net on Wednesday evenings at 9 p.m. local time. It meets each week on 144.340 MHz simplex. Carl, K4IDL, in Sorrento serves as Net Control and welcomes everyone. This net is centered around Orlando but anyone can get in to the fun.

Recent checkins include Steve, AC4KN, from Mt. Dora; KC4VBZ, John, Altamonte Springs; K2AGT, Art from Oveido; WA4SXK, Jim in Pine Hills and W4PIA.

Bring your questions and they'll be glad to help you out. You may even be able to locate some equipment there too.

Remember: only ATVers can say, "See you there".

THE TECH NET

by Florida Skip Correspondent
Carl Zelich, AA4MI

Have you heard the best kept secret on the Florida airwaves? You haven't! Well it's The Tech Net. It's a gold-mine of information.

The Tech Net is the place on your dial to get technical assistance to keep your station running and improve its performance. It begins every Sunday morning following the Waterway Net, usually around 8:45-9:00 ET on 7.268 kHz. If you tune in after 9:30, you might even miss hearing the net.

The usual net moderator is Cal, W1MDM and Max, N9EEN, in Port St. Lucie, keeps things running during his absence.

Here's the place where you can ask, "How do I hook up my whatchamacallit?" and you'll get real help. Some typical questions in a recent net session involved antennas, recharging nicad batteries, computers, osmosis water filtering and many other technical subjects. Many of the check-ins are on their boats and have unique questions.

If you have experience or knowledge and would like to contribute or learn, The Tech Net welcomes your advice. Try it; I think you'll like it.

FCC PETITION AND COMMENT PROCEDURES

by Carl Zelich, AA4MI
ARRL Assistant Director, SE Division

I receive many requests, such as, "Hey, Carl, how do I tell the FCC to change such-and-such?" More often I get told, "I'm gonna let those guys know what they're doin' to us hams! I'm gonna call them and give them a piece of my mind!"

Most of the time, hams ARE interested in responding to a proposed rule change. But they don't know "how to go about it".

First of all, let me tell you that yelling and jumping up-and-down doesn't go very far. I'll let you in on the best kept secret about Washington. They don't do anything unless its written down on paper! Nothing; nada! The government consumes paper at horrendous rates. It's a "Paper Tiger" that rules our system of governing.

Here's how to do it.

1. Use 8½ x 11 inch white paper.

This is REQUIRED by FCC Procedures. This may "seem obvious" but you can't imagine some of what people will send.

2. Type your comments with double space lines.

The most important thing is legibility. Don't waste your time if your correspondence looks like a doctor's prescription.!

3. You are REQUIRED to use a special HEADING. Here it is:

Before the
FEDERAL COMMUNICATIONS
COMMISSION
Washington, DC 20554

In the matter of	)	
	)	
Amendment of Section 97 of	)	PR Docket No. 92-XXX
the FCC Rules to	)	
(a brief reference to	)	RM-YYYY
the subject goes here)	)	
	)	

The "XXX" and "YYYY" above should be replaced by the correct numbers of the rule making concerning you. These numbers are usually found in amateur radio newsletters and magazines.

4. The next item to include is the "date".

This is very important. Most times you only have 30 days to reply to any proposed rulemaking. The date must be included to have your comments included to the FCC Commissioners.

5. Next item "Dear Federal Communication Commissioner:"

I know you may not wish to call the FCC "dear" but this is a normal courtesy.

6. Next you begin your text. For example:

I am totally in favor of PR Docket No. 92-XXX for the following reasons:

1. (Then list your logical reasons. These may be as long or short as you desire. But it's better to be direct and to the point. Remember the Commissioner sees a stack of letters for each of these actions and you don't want to miss getting your point across.

7. You may also include a few statements of your credentials. This is an option; such as:

I hold an Advanced Class license and have been licensed for 14 years. I am also a (include things such as if you are commercially licensed, a Communications Engineer, or whatever will identify your authority to speak.)

8. Finally, you close your letter:

Sincerely,
Joe Ham, W99XXX
123 Ampere Drive
Anywhere, USA ZZIPP
407 555-1679

That takes care of the preparation of your document contents. The last thing you have to do is get it to the FCC. They require 1 original and 5 copies as a minimum. If you want each Commissioner to receive a copy, you must send the original and 11 copies. (I warned you earlier that this is a "Paper Tiger".)

Also you should send a copy of your comments to the originator of the Petition. It is sometimes difficult to find this information.

Also if there is an ARRL Committee that would be interested in your comments, send them a copy too.

Finally, you may send a copy to your ARRL Director. They are always interested in your opinion. Their address can be found in QST on page 6.

The most important thing to remember is that the FCC must have your comments BEFORE their deadline. What I'm telling you is: get it into the mail or miss out.

Hope this helps you and many others. 73 AR.

NOTICE SNOW BIRDS...

PLEASE — when you FLY North or South, or any other place, please let us know at least 2 to 3 weeks in advance. When you move without advising us, the Post Office returns your SKIP and it costs us 35 cents for each issue. It used to be 15 cents, but they increased it over 100 percent. *Please help us do a better job for you... Thanks!! Editor.*

FLORIDA ARMY MARS NEWS
by Lorraine S. Matthew AAM3PR

As the summer draws to a close, Florida Army MARS members look back over a busy summer season and look forward to the coming fall and winter season. As this is written, of course, we in Army MARS still have much summer tropical weather ahead of us which could include tropical storms. Army MARS members are well aware and well prepared to meet the needs of Florida when called upon. Florida Army MARS members wear many hats in serving their communities, counties, and state. Since the Federal agencies can only be called in after all civilian assets are exhausted, there is no conflict in terms of ability to serve. Florida Army MARS members are active in many ways and the State of Florida can be proud of them all.

This reporter and Matt/AAT4MD attended the Atlanta Hamfest. This hamfest featured two MARS tables and a joint services MARS forum. The forum was co-chaired by Guice Johnson AFMARS, and "Gen. Bill"/AAA4GA, the State MARS Director of Georgia. Two concepts were considered to be very important at the meeting with the exchange and development of many very positive ideas.

The first concept call for continued close cooperation between Army MARS and Air Force MARS. Here in Florida, that cooperation is evidenced by the sharing of frequencies, the sharing of BBS's, and the shared responsibility for the smooth flow of traffic throughout the state.

The second concept explored the vital importance of the morale traffic that we in MARS handle. AAA4GA, a recently retired General of the United States Army, stated that the handling of morale traffic is the basis of everything that MARS members need to be trained in the handling of emergency communications. He called for all of us to promote this type of traffic in any way that we can. He promoted the public relations efforts that are being carried out in Army MARS and encourages everyone to become involved. The Field Manual and training officers everywhere emphasize that the mission of Army MARS is to act as an adjunct to the communication needs of the military. The secondary mission is to serve in times of emergency and disaster. These missions require training and experience on the part of each MARS operator. There is no better way to train and to maintain skills than to handle morale and welfare traffic. Morale traffic is the activity that holds the system and its members together. It is the activity by which MARS is best known to the public and to the military community. It is the activity that keeps the skills of the operators at a high level of proficiency in several modes of operation. It is the activity through which the traffic system is tested, updated, and changed as necessary. The morale traffic services should be highly promoted among the military and the civilian populations. This is one of the major thrusts of Florida and Eastern Area Army MARS Public Relations programs. Three distinct public relations packages are available for MARS members - club presentations, hamfest package, and a general public relations package. A new on-base package is being prepared in order to promote the Army MARS programs on military bases. Operation: Holidays will be run again this year.

It was most gratifying to learn that several manufacturers have become aware of the work and the needs of Army MARS members. They are considering these needs and are developing such items as affordable continuous tuning HF amplifiers - amplifiers that are not band specific. I am very happy with the performance of the amplifier that I use, but it has the limitation that it is band specific within certain "spill-over" bounds. That leaves several MARS frequencies that cannot be amplified. Under the usual band conditions and the location of this station, the lack of amplification detracts from the usability of those frequencies.

The Jacksonville Hamfest **did not feature a hamfest booth for MARS** but there was a MARS

MARS - QSY to page 10

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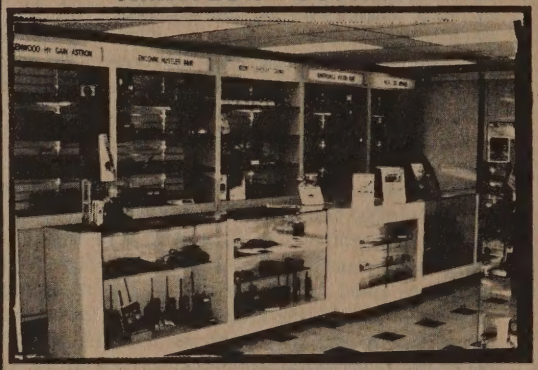

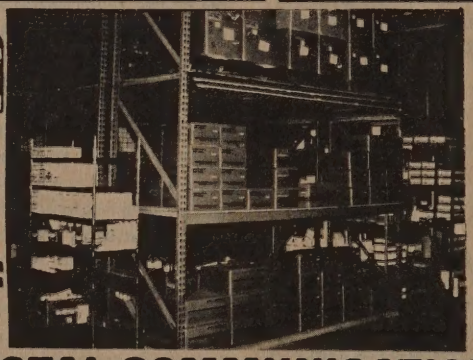

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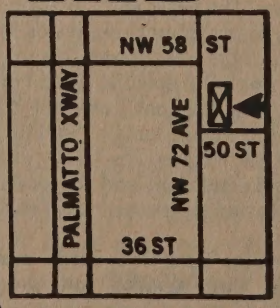

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QCWA, Inc.

FLORIDA Q.C.W.A. NEWS
Edited by Eli Nannis, K4JMH

FLORIDA STATE QCWA NEWS
Edited by Eli Nannis K4JMH

No chapter reports were received for this month. Many chapters are not meeting during the summer and those who do meet do not have a business meeting, just a get-together to discuss their problems or DX contacts. It was reported that the QCWA tape program brought a surprising number of requests from sight-impaired people who are nowhere near eligibility for membership in QCWA. The tapes are simply a reading of the QCWA Journal and are intended for people who are at least prospective members; the tapes really don't have much value for anyone else. The Washington DC area chapters 23 and 91 held their Spring Banquet in conjunction with the Foundation For Amateur Radio. Anniversary Certificates were presented to a number of QCWA members including 70 year awards to Jack Kingman W4JT and Chuck Stay W4HE.

GATOR CHAPTER

Our August chapter meeting was held on the 1st so I was able to get the report in for the next issue of *Florida Skip.* There was a good attendance for a summer meeting with 26 members and guest attending. Our guest was Robert Kleiber KY4G and XYL. Lur Weber K4HWS received his 60 year and continuously licensed and Century Club award. Lou also had his 85th birthday this month. Bill Carpenter N4PEO and XYL Arlene had their 45th anniversary this month. Don Bice W4PCO and XYL attended the meeting even though he had major surgery recently. Jim Keyes K4FCW is still recovering from heart surgery. Erle Parker K4JF is recovering from an illness and is in the Bay Pines Government Hospital in St. Petersburg. Our President Bart Bridge W2YZQ is on vacation and our Vice President Bill Bell K4AVH ran a very excellent meeting. He passed out circulars referencing the amateur radio spectrum protection act bills HR73 and S1372. He urged all members to write to their congressmen to vote for this bill. Dave Stocky K4KE told of his very exciting trip out west in his RV. He and his XYL are going out soon for another trip.

Reported by Eli Nannis K4JMH

PELICAN CHAPTER

The members are hard at work planning for the QCWA 1993 National Convention. It will be held in the new Holiday Inn in Clearwater which is not far from the Tampa airport. The ladies program is getting a lot of attention. Our repeater on 145.29 is working very well and we welcome all amateurs to use it. Our net is on every Saturday morning at 10 AM.

Reported by Jay Strom K9BSL

WALTER BICKMEYER - K4NI (ex W2NI)

BICKMEYER, Walter, K4NI, age 87, of Deerfield Beach, Fla., died July 24, 1992. He was pre-deceased by his son Walter H. He is survived by his wife Mildred, daughter-in-law June, two grand sons, and seven great-grand children. He was an electronics pioneer, a ham-radio operator on Long Island, NY with call W2NI, a member of several radio/electronic organizations, and a career employee of the Grumman Aircraft Corp. on Long Island, transferring to Grumman's Cape Canaveral operations and retiring following the LEM's successful landing on the Moon. His current K4NI call letters are the only ham radio identification that travelled to the Moon and remain there! Family request no flowers. Cremation by Jordan-Fannin.

OLD OLD TIMERS CLUB
Florida Chapter
Director, Bob Bookwalter, W4NWF

Kudos to our Director for his continuing effort to build our Florida chapter and direct our two nets: Saturday, 0800L, 3955khz; Wednesday, 1000L, 7274khz. Call in to find out what's going on with the Old Timers.

Ye Scribe visited W4NWF recently and was favorably impressed. A neat-as-a-pin station layout and only a few hundred feet from the Gulf waters!! A QTH to be envied. Bob keeps complete records on OOTC and history of his local QCWA chapter.

W5EJ, OOTC Executive Secretary, does a super job publishing the official organ of OOTC, SPARK GAP TIMES. The current issue has a fine article concerning the argument between the AM guys and the pioneers of SSB. It brings back many memories of the time when SSB was mostly on the upper few Kc (Khz!!) of 75 meters. If you would like a copy of the current issue, drop W5EJ a line at HQ, 1409 Cooper Drive, Irving, TX 75061-5527. SPARK GAP TIMES is published every other month and it alone is worth the price of Life Membership to OOTC. Ask W5EJ about that also. W4NWF is another fountainhead of OOTC information; on the nets or give him a call at 813/485-7928.

Consideration is being given to establishing a dues structure to fund expanded headquarters operations. This in lieu of depending on the annual subscription fee for SGT. Too many don't send in their annual fee of $7, thereby losing the mailing of SGT. A dues schedule would assure better funding of OOTC and guarantee each member of copy of every Spark Gap Times. Your ideas on this subject would be welcomed by Director W4NWF, 728 Valencia Rd., Venice, FL 34285 and by W5EJ.

"All men are alike in their virtues and vices". From "The Sum of All Fears", author, Tom Clancy

73 from Scribe, Jim Gundry, W4JM

KNIGHTS OF THE KILOCYCLE
3910 Kc. Sunday Morn. 1230 Z - 0730 EST

Looks like the summer is on it's way out. The Hamfest season is in full swing, and the Snowbirds are probably up north thinking about starting their Fall trek back to the sunny south... Hi... More to the point, the time is passing very quickly. On Nov. 1 we will hold the 3000th meeting of the Sunday morning net. This net has been held continuously each week except for the time between Dec. 7, 1941 and April 1946 when Amateur operations were suspended for the war. Wouldn't that be a net to remember if we could get ALL of the Knights to check in and celebrate #3000??? Let's talk it up and see if we can't get a good turnout for the occasion.

We recently inducted a new Knight into the fold. On July 26th we welcomed Floyd Lindsey, N4FL of Lauderdale Lakes, as Knight #517. Floyd is an old timer, and is well known locally, but like he says: he's finally landed in one spot long enough to get involved.

We talked to Duke, KI4GH the other morning on 75M. He was telling us about his latest leg operation when they put the "chopsticks" in to hold his knee together... He hopes to be chasing the nurses around again soon and we're looking forward to seeing him at some of the Hamfests later this year.

73 & 88 - CU on the K of C net...
Bob McDow, W4KOG

MARS from page 7

meeting. Again the emphasis was the interservice cooperation that has characterized the MARS programs in Florida. Attendees included Joe Gibson/AFA2FL, SMD for Florida AFMARS, Chuck Seffer/AFA2DB, ASMD for Florida AFMARS, Lori/AAM3PR representing Eastern Area Army MARS and Matt/AAT4MD representing Florida Army MARS. Navy MARS was represented by an Army MARS member, Ed/AAT4XC. That's what I call really close interservice cooperation. Being active Navy, he has been assigned to run a Navy MARS station on base.

We look forward to the Suncoast Convention and Computer Show, which is the official name for the Tampa Hamfest. While definitive plans are not yet available, there will be MARS activity at that hamfest; and I encourage all MARS members to participate.

What does it mean to be a State MARS Director? If nothing else, it takes enormous amounts of time and personal effort. Among the mountains of paperwork are members files and records, rosters, schedules, MARS Property Office records and correspondence, accountability services, awards, certificates, countless letters and more. A State MARS Director arranges and coordinates schedules and programs for the state. He works closely with his staff in order to accomplish many facets of the program with a high degree of efficiency and quality. He administers the operations for the State of Florida. He deals with Eastern Area Army MARS and the Headquarters for Army MARS in Arizona. He coordinates with other states for the benefit of Florida and, often, for the mutual benefit of all. He monitors the nets and keeps closely informed about all the facets of Florida Army MARS. He bears the expenses involved in running a fine and extensive program that is Florida Army MARS. All in all, a good State MARS Director is a person who is totally devoted to his state's MARS program. We not only have a good Army MARS Director. We have the best. Thanks, Bert.

FLORIDA AIR FORCE M.A.R.S. NEWS
by David J. Sweeney, AFA2YB

The "EQUIPMENT SURGE PROTECTION" article in the July edition of *FLORIDA SKIP* and again referenced last month in the *"FLORIDA ARMY MARS NEWS"* has struck home to at least five AFMARS stations. Unfortunately I am one of these who has been a victim of lightning. I got off very light with less than $20.00 of damage. I took advantage of a lightning suppression program sponsored by the power company. They would provide lightning suppression protection by putting a device on my electric power meter for a fee of less than $100.00. I also have had whole house suppression placed on each of the 220 volt main leads and the ground in the main circuit breaker panel. Lightning hit the power pole and destroyed the transformer about 200 yards north of my house. I consider myself to be very lucky my losses were not higher. Check with the utility company in your area to see if they offer this service, it is very cheap insurance. We all know a direct hit from lightning will cause damage regardless of your suppression equipment, but may minimize the losses.

Eight AFMARS Affiliates met at the Jacksonville Hamfest with Joe Gibson, AFF2FL, Florida Air Force State MARS Director. I will man a MARS table at the Pasco County Hamfest Sept. 27, 1992, in New Port Richey, Florida. I also will be at the Hernando County Hamfest, Brooksville, Florida, in February 1993. Stop by and visit at both hamfests. Don't forget the Broward Navy Days in October. Visit Port Everglades near Fort Lauderdale and stop by the AFMARS station that will be activated to provide support for the approximately 4000 military personnel who will be supporting Navy Days.

SKIP-ITS

The best way to avoid having enemies is to out-live them.

When you get to the end of your rope, tie a knot in it and hang on.

The Launch Information Services and Amateur Television System (LISATS) Technical Team, (L-R) Ernie Baldini, K4RBD; Gene Sirota, W4JMX; John Anderson, K4GCC and Bud Checkett, W0TPB, completed installation of the TVRO dish antenna, Donated by Glenn Diggs, W4BFQ. It receives the NASA Select downlink satellite signal. K4ATV/R transmits 24 hour ATV covering Brevard County on 421.25 MHz for each Space Shuttle mission. Absent are Mark Weber, AB4IX and Norm Wilfred, W1TLZ. (photo by Carl Zelich, AA4MI)

THE PANHANDLE AT A GLANCE
by "Matt" Matthew - KC4RKJ

While at the Atlanta HamFest, I talked to the representative of the Uniden Bearcat company about their proposed first annual four-day cruise to the Bahamas called the SCAN-N-TAN. For a special rate the Premier Cruise Ship Atlantic is going to be a scanning convention on the high seas. Having been on a cruise with the same line in June, my wife and I were ready to ship out again. You may wonder why I mention this event since we are not scanners but rather HAMS?

Well, it seems that Yaesu has decided to join in the fun and they will set up a radio station on board the Atlantic.

At Jacksonville I again talked to the Uniden Bearcat representatives and they said that they had just received notification of permission from the Bahamian Government to operate a station on board the ship.

Can you imagine a ship full of HAMS and Scanners? The tall tales to be told concerning the contacts made will flow like so much water passing under the ship's keel. I feel sorry for regular tourists having to listen to both groups.

The cruise will leave Port Canaveral on June 14th, 1993. There's a lot to do on board besides the playing with radios. By the way kids under 2 go free. Unfortunately not too many HAMS can meet this age qualification.

You will be able to tour Nassau, shop for values, take a side trip to Salt Cay which was the site of the TV show "Gilligan's Island" and where the movie "Splash" was filmed.

The Bahamas are a beautiful group of 14 large islands and 700 small islands with a beautiful climate and a relaxed atmosphere.

The ship will leave on Sunday and you will be back on Friday. If you wish, you can arrange a side trip to Disney World and more when you return. We have already placed a $25 per person deposit, and we have already received our reservations. We asked if deposits would be returned if the cruise should be cancelled for some reason and we were assured they would be.

They even give you a toll free number to call. The number is 1-800-876-0146 and ask Sue for information concerning the cruise.

My wife and I could be packed and ready to go in an hour.

Another thing that is very important for HAMS is signing a petition for "Clean Air". *RadioScan* had an article about the

PANHANDLE Q S Y to page 13

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DR-570T 2m/70cm Twin Band Mobile • 2m/440MHz tx. Broadband rx 130-170, 340-470 and 870-890MHz.with MARS/CAP modification. 45/5W (2m), 35/5W (70cm). Cross band repeat and full duplex functions, Dual LCD displays, volume, squelch and tuning controls. 20 memories, 4 scan modes, priority. CTCSS encode/decode, Internal duplexer, 16-key DTMF mic. 5⅞"w x 2"h x 6⅞"d, 3¾ lbs .....★ **$524.95**

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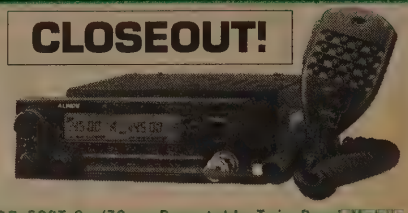

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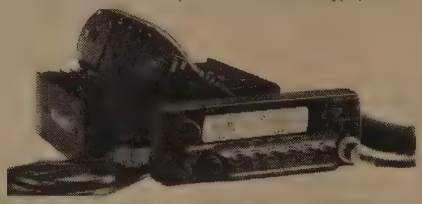

DR-599T 2m/70cm Remotable Twinband FM Mobile 45W VHF-35W UHF. 144/440MHz tx, 138-174MHz and 420-470MHz rx (mod. for aircraft band rx and MARS/CAP tx). 28 memories. Detachable control head (optional kit). Remote controls from any DTMF capable 2m or 70cm xcvr (decoder required). Separate VHF/UHF outputs. Full duplex cross band repeat function, simultaneous receive on both bands. Dual LCD, separate vol/squelch controls for both bands. CTCSS & DTMF encoder. 5⅞"w x 2"h x 7"d, 3¾ lbs.....★ **$624.95**

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ALINCO DJ-162T 2m FM HT (ctr) • 130-174 MHz rx (modifiable for 118-136MHz aircraft rx and MARS/CAP tx). 2.5W out, 5W with opt. battery or 12V. Keypad, 20 memories, autodialer, CTCSS, DTMF encode, DQS paging. 5⅜" x 2¼" x 1¼", ¾ lb ..★ **$224.95**

DJ-162TD 2m FM HT • Same as 162T but no nicad or charger - includes AA battery case .....★ **$204.95**

DJ-560T/A 2m/70cm Twin Band HT • 2m/440 tx, 130-173.995 & 400-520MHz rx. 2W, 5W optional. Full duplex, 20 memories/band, call channel, 21 scan modes, autodialer, tone/DTMF enc/decode and paging. 6½"h x 2¼"w x 1¼"d, .97 lbs.....**CLOSEOUT** ★ **$324.95**

DJ-F1T 2m Mini HT (right) • Rx 130-174MHz (mod.for 118-136MHz aircraft rx & MARS/CAP tx). 8 scan modes, autodialer, back lit keypad, 40 memories, 1 call channel. CTCSS, DTMF encode and DSQ paging. 2.5W, 5W opt. 4⅜"h x 2⅛"w x 1½"d, 14 oz .★ **$264.95**

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Watch for Future AES® Branch Store Openings!

PANHANDLE from page 10
petition and placed a copy of the petition concerning the language we find on the air lately in their July issue.

While this is prohibited by the FCC regulations, the FCC isn't enforcing Part 97.113(d).

It seems that the Supreme Court of the United States has ruled that in questions of obscenity and indecency, Community Standards shall apply.

Well we, the licensed Radio Amateurs, are the community with the right to formulate the standards acceptable to us. How can we say that we want to encourage youngsters and women to join our ranks when at the same time we are saying that is is OK to use any sort of offensive language and to demonstrate the worst behavior in the form of interference?

Believe it or not, there are a number of Extra class operators who are 8, 9, 10, 11 and 12 years old. Think about that.

If people want CB, Okay. Then don't buy HAM equipment. Buy a CB unit. They are real cheap.

K7UGA, Barry Goldwater was the first to sign the petition.

Unfortunately the deadline for getting these signed petitions mailed in is September first. I wish that this could have gotten out to the radio community earlier. We commend *RadioScan* for their efforts.

Many of the clubs in the Panhandle have passed around the petition and we hope that they have been sent in to Ham Radio Business Council in St. Louis on time.

Jerry (N4ZYB) has spearheaded the restoration of the PARC club station (W4ZBB) and has been meeting club members at the clubhouse to work with new members. This is a great idea and I hope that more members will join him and also expand the program with help with their specialties. There is a lot of talent out there that can be passed on to the new hobbiests. It's a lot easier when you have an Elmer who knows the ropes looking over your shoulder.

Some of us, including my wife and myself, are planning to work up a special events day in the near future with the help of one of our more experienced members. We have some interesting ideas.

Remember that we are in the height of the lightning season, so don't hang on to that mike with lightning around and become a human lightning rod. Disconnect.

DO YOU REMEMBER . . .

. . . how hams discovered short waves?

Originally they had started out by pushing their legal 200 meters to 220, 240 or 275 meters, as high as they could get away with.

"We begin to feel our way downwards" wrote S. Kruse, technical editor of QST "in the winter of 1920-21, mainly to get away from NSF's chopper and NAA's arc mush, in Washington, DC."

In March, 1923, QST announced a 100-meter CQ party. "The prospect of this CQ party was like waving a red flag in front of a bull." Every district except the seventh was heard from. Canadian stations participated. The radio world was astonished at what happened, as reported in May, 1923, QST.

This information was taken from the October, 1973, QST, with this final statement:

"That's the way it all started — 50 years ago — but nobody, even today can possibly anticipate how far it will go."

— Howard, K4FMJ
— From Gulf Coast ARC

W5YI VEC EXAMS MONTHLY

ORLANDO A R C are held monthly first Saturday each month at Ramada Inn Central in the Oleander Room. Bring original license (if any) and co..ies of any CSCE's. Calculations will be allowed providing that the applicant can prove that the memory is cleared prior to the exam. 610 forms provided. Fee is $5.40 for all classes except Novice. Walk-ins welcome. Exam sked: Sept. 5, Oct. 3, Nov. 7 and Dec. 5, 1992. Also 1993: Jan 9th (2nd Sat.) Feb. 6, Mar. No Exam., Apr. 3, May 1, June 5, July 10 (2nd Sat.), Aug. 7, Sept. 11 (2nd Sat), Oct. 2, Nov. 6 and Dec. 4th. Details: Lou Gold, AC4GB 407 898-0429.

NOW HERE is a serious conversation between Leo Bloom, AAV-4TN and Bill Wells, AAV4DP at the last Army MARS Picnic. Only the "TREES" where listening in.. (Photo by Lori.)

ARES OR RACES?
by Carl Zelich, AA4MI
ARRL Assistant Director, SE Division

Whenever a radio amateur attends their first RACES meeting, the questions always asked are: "What's the difference between ARES and RACES?" and "Aren't they the same?" Well, for all you newcomers (and a few oldtimers, I might add), there are some important differences.

The Amateur Radio Emergency Service, ARES, is a division of the ARRL Field Organization. It consists of licensed amateurs who have voluntarily registered their qualifications and equipment for communication duty during a disaster.

The Radio Amateur Civil Emergency Service, RACES, is sponsored by the Federal Emergency Management Agency (FEMA). RACES is a way that radio amateurs may serve civil defense agencies with disaster communications using their own bands and mostly, but not always, their own equipment. RACES stations, when properly authorized, will remain on the air in the event of any officially declared emergency. RACES operation is authorized by the FCC upon request of a state or federal official and is strictly limited to official civil defense activity. One very important difference is that when a RACES disaster is declared ALL OTHER AMATEUR RADIO MAY BE PROHIBITED!

There are 3 additional primary differences: first, RACES stations may transmit only certain types of official civil defense communications; second, some RACES radio equipment you operate may be owned by the local, state or federal government and third, RACES stations may operate only on certain frequencies or bands.

RACES and ARES are distinctly separate entities.

The ARRL advocates dual membership and cooperative efforts between both groups whenever possible.

The FEMA also recommends that civil defense organizations affiliate with already-existing ARES groups.

For additional information or FACES regulations, read FCC Part 97, Subpart F, in "The FCC Rule Book" published by the American Radio Relay League.

SKIP-ITS

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"Does he have any money?"
"Sure he has, do you think she married him for her health?"

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Hallicrafters Founder William Halligan, W9AC, Dies

The man who founded the Hallicrafters Company is dead. William J. Halligan, W9AC, died July 14, 1992, in Miami Beach, Florida. He was 93 years old and outlived his company by 17 years.

"Hallicrafters — The Radio Man's Radio" said the display sign in local radio stores around the world, and it was true. Hallicrafters receivers especially (and transmitters to a lesser extent) set industry for decades — with their big, readable dials and people-sized knobs, these radios were not for the faint of heart, they were for operators.

Bill Halligan, born in 1898, founded his company in 1933, and ran it until he retired in 1975; born the year Marconi first sent a signal across the English Channel, his life spanned the history of radio.

He began as a spark experimenter and ended a computer user.

Bill Halligan *was* Hallicrafters, just as Art Collins was Collins Radio, Larry LeKashman and Al Kahn were Electro-Voice, and so on.

Bill Halligan was born in Boston and, according to Max de Henseler, HB9RS, in his 1991 book "The Hallicrafters Story," was licensed as 1AEH in 1914. He served as a ship-board radio operator as a teenager. In an interview with Ted Cohen, N4XX, in the August 1984 issue of *CQ* magazine, Halligan remembered when he first got on the air, in 1914:

"The first operators were younger men who developed a strong feeling of comaraderie. I spent most of my time just talking with local operators."

Asked about the modern (1984-era) Amateur Service, Halligan said "As in the past, there still exists a close bond among operators, and I find that in general, they still hold each other in high regard."

Halligan joined the U.S. Navy in 1917 and worked as an operator at station NAE on Cape Cod during World War I. After that, he enrolled at Tufts University, but, unable to afford the tuition, after a year he won an appointment to the U.S. Military Academy at West Point.

He left West Point after two years, to get married, and then went to work as a writer for the Boston Telegraph.

In 1928 Halligan moved to Chicago to form a partnership called Chambers-Halligan, to sell retail radio parts. When this partnership ran aground, Halligan formed his own company, Hallicrafters, on New Year's Eve, 1933, according to de Henseler.

Halligan said in his 1984 interview that his company in the 1930s and '40s concentrated on supplying the military first, and he was especially proud of its role in World War 2. Asked if it was profitable to sell to amateurs in those days, Halligan said "No, not particularly. You had to 'push,' and eventually it paid off in sales."

De Henseler lists many technical firsts attributed to Hallicrafters, including these cited in 1964 by the International Amateur Radio Club (4U1ITU) in Geneva:

- Calibrated "S" meter;
- Dual diversity receiver;
- Automatic noise limiter;
- Temperature compensated HF oscillator;
- First battery-powered SW receiver;
- Dual AGC;
- Bridge T-notch filter;
- First commercially-made electronic keyer.

In 1979 Bill Orr, W6SAI added two more Hallicrafters firsts in an article in *Ham Radio* magazine: the use of silk screened panels and the use of smooth instead of black-crackle paint.

And de Henseler also notes that Hallicrafters pioneered the research and application of receiver incremental tuning (RIT), exclusive sideband selection, amplified automatic level control, and was the first to use a fully transistorized receiving section — in the 1962 FPM-200.

William J. Halligan, W9AC (r) in 1979, with Eric Shalkhauser, W9CA (l), developer of the RME-69 receiver, and R.H.G. Mathews, W9ZN, a founder of the Zenith Corporation. All three now are Silent Keys. **(photo by Ero Erickson, KA9DYS, courtesy of Jim Rommelfanger, K9ZZ).**

Bill Halligan and his company will live on for decades in the hearts of thousands of radio amateurs and military operators who have used his radios, as well as in modern communications equipment, of which many of his innovations are an integral part.

Halligan leaves two sons, William Jr. and Jack; and 10 grandchildren and 12 great-grandchildren.

Funeral services were private.

The ARRL Letter

ROBERT HERTZBERG, K4JBI DIES; WAS PROLIFIC WRITER AND EDITOR

Robert Hertzberg, K4JBI, of Boca Raton, Florida, died June 30, 1992 in Brooklyn, New York. He was 87 years old, formerly W2DJJ, and a longtime technical writer and editor.

Hertzberg

In the early 1920s he joined the Stuyvesant High School Radio Club and became 2ABK. According to his son Paul Hertzberg, K2DUX, while even in high school Robert Hertzberg began publishing articles in newspapers on how to build shortwave radios.

In the late 1920s he worked for the Pilot Radio Co. in the development of the well-known "Super Wasp" receiver. He also was an early experimenter in television.

He joined the U.S. Army Signal Corps and participated in early experiments in aircraft radio and mobile communications. On active duty following Pearl Harbor he was stationed in England, where he was on the staff of Gen. Omar Bradley and helped organize a training school for radio operators.

Following the war he became a free-lance technical writer. Probably his most well known work was "So You Want to be a Ham," first published in 1956 by Howard W. Sams and updated throughout the 1960s.

He also was on the staff of Fawcett Publications, becoming editor of *Mechanix Illustrated* and later founding *Electronics Illustrated*.

In addition to his son Paul, he leaves his wife, Beatrice, WA2RST, and four grandchildren.

The ARRL Letter

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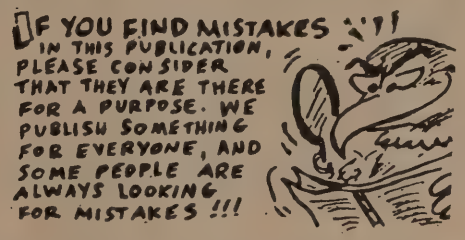

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F.C.C. INFORMATION PAGE

AUBURNDALE AREA

W5YI exams, technical through extra, are to be held on the third Saturday of each month starting at 9:00 a.m. They will be held in the First Presbyterian Church on 410 Pilaklakaha Avenue (PK Avenue), Auburndale, Florida. Between Winter Haven and Lakeland on Highway 92. Turn off 92nd on Ariana Avenue, go two stop signs and turn left on PK Avenue. It's the second building on right.

Walk-ins accepted on test available basis. Reservations requested. There is a fee of **$5.25** for tech through extra.

For information contact: Pete Salvage at (813) 646-2526 or Bill Loop at (813) 967-5952.

BREVARD COUNTY

ARRL/VEC exams by Consolidated V.E.'s of Brevard County — Room Q-22 — Florida Institute of Technology — Melbourne — 10:00 a.m. (check-in 0930) — third Saturday of every month.

No pre-registration required. Form 610 provided. Bring original and photocopy of current license.

HIALEAH

W5YI coordinated FCC tests. Novice through extra. Due to space limitations, pre-registration is required. Contact Ivan Prada, KP4EDL at (305) 829-0602 from 7:00 p.m. to 9:00 p.m.

Exams are every third Saturday of the month. Fee is $5.25. Novice candidates are free.

SUNRISE

CAVEC exams by Racal-Milgo in Sunrise twice per month; on the first Saturday at 8:45 a.m. and on the third Thursday at 7:30 p.m. at 1601 N.W. 136th Avenue (North Harrison Parkway).

No pre-registration required.

Bring: the original and one copy of your license, the original of any credit certificate (or copy of FCC Form 610 for novice credit), proof of identity (driver's license with photo, etc.) and $2 (except novice which is free).

For further information call: Chip Allen, AK4Y at his home at 476- 8761; or Joe Loewy, K2AFO either at his home 434-8211 or work 846-4567. For 24-hour recorded information, call 846-4444.

Talk-in on 145.270 (Tx 600 KHz).

CITRUS COUNTY

License exams are scheduled for the third Saturday in the odd numbered months at 8:30 a.m. at the Citrus County Emergency Operations Center on West Southern Street in Lecanto. (West off C.R. 491, one-quarter mile north of S.R. 44.)

Reservations preferred, walk-ins accepted while supplies last. Bring original ham license and photocopy, certificates for prior exam credits if any, photo identification as **driver's license, pen & pencils and $5.25 fee. Phone Dwight, KJ4AP, (904) 746-4306 for reservations and information.**

DADE CITY

W5YI exams — novice, tech and extra — are given on the third Tuesday in Dade City High School at 6:30 p.m.

Bring original or photocopy of current license, any CSCE, two picture-type identifications and $5.25. 610's provided.

For details call: Slim Franklin, AB4OC at (904) 583-2856.

DADE CITY AREA

W5YI exams — technician through extra class (novice exams by reservation only) — are conducted the third Wednesday of each month except December, in the Tampa Electric Company, Community Room, 602 East Meridian Avenue (two blocks east of Highway 301) in Dade City, Florida at 6:30 p.m.

Bring the original and a photocopy of your current license, any CSCE and a $5.00 fee.

Form 610 will be furnished and pre-registration is recommended. Exams by appointment will be conducted for those persons with special needs.

Contact Dan Wilson, AB4LN at (904) 521-3494 or (904) 583-5120 evenings and weekends for further information.

DADE COUNTY, FLORIDA

Exams for all license classes are held at E.O.C., 5600 S.W. 87th Ave., Miami, FL 33173. **2nd Sat.** 9:00 AM. There is no preregistration. Arrive 15 minutes early.

BRING THE ORIGINAL AND A PHOTOCOPY OF YOUR CURRENT LICENSE, ORIGINAL OF ANY CSCEs HELD, PHOTO IDENTIFICATION, pen and pencil and check or money order for $5.40 payable to ARRL/VEC. A non-programmable scientific calculator is permitted. FCC Form 610 is provided.

Further information contact Ross Urwin, AC4KZ 233-7462 evenings.

FT. PIERCE • PORT ST. LUCIE • ST. LUCIE COUNTY

The Ft. Pierce Amateur Radio Club is sponsoring ARRL/VEC exams on the fourth Saturday of each month. Location is the St. Anastasia School, 401 South 33rd Street in Ft. Pierce (From I-95, take Orange Avenue East Exit, go to the first traffic light and turn right. Church and school is just before the traffic light on 33rd Street.)

Bring the original and one copy of your license, the original and copy of credit certificate and identification.

Register at 9:00 a.m. and the test will begin at 9:30 a.m.

For further details call: Fred Neumann at (407) 340-1069 or Bill Shishler at (407) 466-5648.

F.C.C. LINES

W5YI coordinated tests — novice through extra — every third Saturday of the month at 8:00 p.m.

Limited space available, so you need to call to reserve space. Sessions are small . . . no more than 15 candidates at a time.

New 1992 fee is $5.40.

Contact Ivan Prada at 829-0602 7:00 p.m. to 9:00 p.m. only, or in packet KP4EDL @ KP4EDL. No.: ARCFL.FL.USA.NA.

MARION COUNTY FLORIDA

W5IY exams. Novice through Extra, will be given the second Monday of every month at 7:30 pm sharp. Walk ins welcome. Location is the Green Clover Hall in the Marion County Government Complex, off Rt. 40 on Fort King and 25th Avenue Ocala, Florida

Talk in on K4GSO repeater - 146.610. Bring photo ID, original and copy of License held.

For information contact Jack (904) 622-4447 - N4NWT or Paul (904) 489-9666 - AB4QD.

HERNANDO COUNTY EXAMS

The Hernando Volunteer Examining Council (HERVEC) with Clover Leaf ARC and Spring Hill ARC co-sponsors are conducting monthly exams novice through extra, each third Wednesday of the month at 6:00 p.m. at Springfield High School in Spring Hill. The Clover Leaf Visitor's Center in Brooksville is the alternate exam site.

Walk-ins are welcome.

For information contact Paul Sauer, K4ZC at (904) 683-3167.

LAKE COUNTY, CENTRAL FLORIDA

W5YI VEC exams will be held on the third Saturday of each month in 1992. Test time is 9:30 a.m. The location is the Lake Amateur Radio Association Clubhouse just west of Tavares, Florida. Go two miles west of Tavares on U.S. Highway 441 to CR 473. North one mile on CR 473 to the Haines Creek Baptist Church. The clubhouse and 180-foot tower are behind the church.

Walk-ins permitted. Bring a copy of ham license, copies of any certificates of successful completion of exam and positive identification. Cost is $5.40 for 1992.

Talk-in on 147.255, K4FC, repeater.

Contact Paul, K3NON at (904) 343-8729 for more information.

NORTH DADE • SOUTH BROWARD AREA

FCC exams are given on the fourth Thursday of each month by a W5YI-VEC team at 5:30 p.m. prior to the regular monthly meeting of the Fellowship Amateur Radio Club at 501 S.E. 1st Avenue in Hallandale at City Park.

No charge for novice . . . all others $5.40.

Please bring the original of your license and a photocopy, and positive identification.

For more information call Howard, N4EBT at (305) 935-5214 or Norm, K4RBR at (305) 829-5437 (evenings).

OCALA/CENTRAL FLORIDA

W5YI exams are held each month (except November and December) on the last Thursday, 7:30 p.m. at the St. Patrick's Episcopal Church, 2802 N.E. 7th Street, Ocala, Florida.

All exams, novice through extra, are given on a walk-in basis. Fee is $4.75. Novices are free. Talk-in is available on 145.130 repeater.

For information contact Jim, KA2MBE at (904) 236-0744; or Joe, KA4WJB at (904) 351-0985.

PALM BEACH AREA

The Palm Beach Amateur Radio Council and Palm Beach Community College Amateur Radio Club are giving amateur radio license tests on the third Saturday of each month (except October is at hamfest) at 9:00 a.m. at Palm Beach Community College, 4200 Congress Avenue, Lake Worth, in Criminal Justice Room 101, for $5.25 in 1991 (I-95 and Sixth Avenue South and go west).

Walk-ins permitted as long as we have test materials available.

October is on Saturday and Sunday at 9:00 a.m. at Palm Beach County Hamfest at South Florida Fair Grounds on State Road 80 (Southern Boulevard) — west of Turnpike (no exit).

BOCA RATON

The Siemens Amateur Radio Club sponsors ARRL/VEC coordinated exams the third Friday every month at 17:30 hours, except December which will be the second Friday. The tests will be given at the Spanish River High School, 5100 Jog Road, Room 8207, Boca Raton.

Pre-registration is recommended, but walk-ins are accepted if testing materials are available. Novice exams are free . . . all others are $4.96.

Bring a photo identification, your original license and a copy and the original and a copy of any CSCE's. All forms are provided.

Contact Ron Diego at (407) 994-7168 during business hours or (407) 487-1726 evenings and weekends for more information or to pre-register.

WEST PASCO COUNTY

The Suncoast Amateur Radio Club is sponsoring W5YI-VEC exam sessions on the fourth Tuesday of each month at 7:00 p.m. The exam location is the Pasco County Building, 530 Sunset Road, New Port Richey (just east of U.S. 19 — one mile south of the Pithlachascotee River Bridge).

Pre-registration is strongly advised, and the deadline is the Saturday preceding the exam date, thereafter, walk-ins will be accpeted on a materials availability basis.

Talk-in on 145.350 (Tx-600).

Remember to bring with you. two forms of identification, originals and copies of your license and CSCE's if any and the $5.40 fee required for the technical through extra exams.

For registration and/or information call: Mary Borngraber, WC2G, (813) 938-7810.

DUNEDIN — TAMPA BAY AREA

W5YI-VEC coordinated amateur radio exams are conducted by the Dunedin ARC/VE testing team on the first Monday of every month. If the first Monday is a holiday, then the tests are held on the second Monday.

Testing begins at 7:00 p.m. in the Foreign Language Building, Number 99, Dunedin High School, 1615 Pinehurst Road, Dunedin.

Remember to bring with you, two forms of identification, originals and copies of your license and CSCE's if any and the $5.40 fee required for the tech through extra exams. Talk-in on 145.110 or 145.310 (Tx-600).

For registration and/or information call WC2G at (813) 938-7810 or W8RH at (813) 535-2034. Mailing address is: P.O. Box 1851, Dunedin, Florida 34697.

TAMPA EVENING TESTING

W5YI-VEC exams will be held the last Thursday of each month at 7:00 p.m. (except November and December). Sessions will be replaced by one date in early December due to holidays. (Phone for exact date during November.)

Testing location is the second floor of the American Red Cross Building, 217 North Howard Avenue, Tampa.

Novice exams are free. All others $4.75 cash. Bring with you the original and a photocopy of your current license and original and photocopies of CSCE's, if any.

To resolve questions or obtain holiday season dates contact Scott, KA4FRO at (813) 685-2514.

HOLLYWOOD AREA

The Hollywood Amateur Radio Club (HARC) is sponsoring ARRL/VEC Examinations at 7:30 p.m. on the second Wednesday of each month. Location is the St. James Episcopal Church, 3329 Wilson Street, Hollywood.

Walk-ins exams are offered on a test-available basis. Bring a photocopy of your current license, photo identification, pen and pencil. There is no charge for novice exams . . . all others are $5.40.

For further information, call Pete Saglio, KB4NSA at 966-1322 or Tom Middleton, WB4CKY at 652-8869.

GULF COAST AMATEUR RADIO CLUB

The Gulf Cost Amateur Radio Club is sponsoring ARRL/VEC exam sessions — novice through extra — on the first Tuesday of each month, **except July**, at 6:30 p.m. Location is the Adult Education Center, 5520 Grand Boulevard, New Port Richey.

Walk-ins accepted on a materials available basis. Pre-registration is strongly advised.

Bring original and photocopy of current amateur radio license, positive identification, check for $5.40 payable to ARRL/VEC (no fee for novice exam) and original and photocopy of an CSCE. Form 610 will be furnished. Talk-in on 146.67 (-600).

For more information call Fred, AA4FG at (813) 849-1224 or Ralph, W2GLW at (813) 845-8351.

JACKSONVILLE, FLORIDA

CAVEC FCC exams will be May 7th at 7:00 p.m. at Ed White High School, 1700 Old Middleburg Road.

Exam fee is $5.00 for novice and students under 16 years old are free.

No prior reservations. Walk-ins only.

Contact Pete Nissen, W4PTT, (904) 781-0972.

ORLANDO

The Orlando Amateur Radio Club sponsored W5YI FCC Exams will be given monthly on the first Saturday of every month.

The exams will be held at the Maison Blanche Department Store in the "Community Room" in the Fashion Square Mall on East Colonial Drive.

All classes an licenses will be tested. The exams will start at 10:00 a.m. The Community Room is on the second floor.

Please bring original license and a copy as well as any CSCE's and copies of them. 610 Forms will be furnished.

The fee will be $5.40 for all classes, except for novice, which is free.

No checks or money orders please.

Please Call Lou Gold, AC4GB at (407) 898-0429 to pre-reserve a spot in the room. This is suggested due to the large turnout expected.

Walk-ins welcome. Talk-in on 146.76.

Test dates are: April 4th, May 2nd, June 6th, August 1st, September 1st, October 3rd, November 7th and December 5th.

TITUSVILLE AMATEUR RADIO CLUB

W5YI-VEC Test Session (Novice - Extra): 4th Tuesday of each even numbered month. Beginning 4 PM. Jaycee's Bldg. on Singleton Ave. $5.40 fee. Minimum of 2 identification documents required. Bring copy of current license, original and one copy of CSCE, or original signed 610 for proof of elements passed. No charge for novice. For information contact Bud Hughes - K4CWG (407) 267-3450 (evenings 269-0779). For talk in 146.91.

SKIP'S ON TAPE

"Talking Books" are records and cassette tapes of books and magazines that play on special equipment and are loaned free for use in your home as long as they are needed. If you are having trouble reading print because of an eye problem, a reading disability or if you have difficulty holding a book because of arthritis, a stroke or an accident, fill out a Talking Book Application and stay in touch with the world of books and magazines.

A Talking Book Application Form must be signed by a doctor, social worker, optometrist, nurse or other qualified person. To get an application form, call (904) 254-3824 or toll-free 1-800-342-5627.

Note: If you are already a library patron and would like to start receiving **Florida Skip** on cassette tape, just call the toll-free number to order it.

QUARTER CENTURY WIRELESS ASSOCIATION, INC.

25 Years a Ham?

Got A question?

Write

159 E. 16th Street

Eugene, OR 97401

FLORIDA ROSE SWITCHES - UPDATED 6/7/92

CITY	ADDRESS	SPONSOR CALL-SW/DIGI	FREQ	NOTES
ARCADIA		SRQLAN		
	813400	KE2IX-8/7	441.00	LINK TO FT. MYERS & SARASOTA
BELLE GLADE		Palm Beach Packet Group		(Temp. located at W.P.B.)
	407992	WB4KGY-3/2	145.01	LINK TO OKE1 and HST1
	407121	WB4KGY-7/6	223.42	
	407122	WB4KGY-9/8	440.075	LINK TO WEST PALM & STUART
BLOUNTSTOWN				
	904674	WR4Z-3/BTN1	145.01	
BOCA RATON		IBM Radio Club		
	407994	WB4QNX-3/2	145.07	LAN FREQ
	407101	WB4QNX-5/4	223.48	(New Freq to WPB)
	407104	WB4QNX-11/10	445.325	BBS FORWARDING
BROOKSVILLE				
	904796	WA3YMV-4/3	223.42	
	904799	WA3YMV-8/7	145.07	
CHIPLEY				
	904773	KA4WVO-1/CHP1	145.01	
	904638	KA4WVO-11	145.67	LINK TO ALABAMA
CLEARWATER		TPALAN		
	813442	KC2FF-7/CLW5	145.05	LAN FREQ
	813022	KC2FF-6	223.42	BBS FORWARDING
COCOA		W4REN/KD4DJQ		
	407631	W4REN-2	145.01	LAN FREQ
DAYTONA BEACH				
	904677	N4EEB-5/4	145.05	LAN FREQ
	904254	N4EEB-3/2	223.42	
	904258	N4EEB-7/6	446.125	LINK TO ST. AUGUSTINE
DUNNELLON				
	904489	K4GBB-8/7	145.03	LAN FREQ
FANNING SPRINGS				
	904498	KB4QQX-5	145.01	LINK TO PERRY
	904463	KB4QQX-3	145.09	LINK TO GAINESVILLE
FOLKSTON (GA)				
	912496	N4TIS-6	145.67	SERVES W. NASSAU CTY. FL
FORT WHITE		First Coast Amateur Packet Assoc.		
	904497	N4ZFH-6/5	145.01	
	904454	N4ZFH-4/3	446.125	
GAINESVILLE				
	904375	KD4SR-5/4	145.09	LAN FREQ
	904376	KD4SR-3/3	223.42	
	904377	KD4SR-7/6	446.125	
HOLLYWOOD		Fl. Amat. Rad. Teletype Soc.		
	305981	WA4WHD-3/6	144.93	LAN FREQ
	305010	WA4WHD-5/7	223.42	LINK TO BACKBONE
HUDSON		Pasco LAN		
	813863	W4NVV-4/3	145.07	LAN FREQ
	813856	N4DWY-4/3	223.42	
INVERNESS		Sky High ARC		
	904233	K4GBB-3/4	145.03	
JAX BEACH				
	904246	WU4R-9/8	144.91	LAN FREQ
	904241	WU4R-7/6	223.44	LINK TO JACKSONVILLE
JACKSONVILLE		First Coast Amateur Packet Assoc.		
	904356	WD4BIW-5	145.07	LAN FREQ
	904630	AA4QI-2/1	223.42	LINK TO KB4OWD BBS
	904350	WD4BIW-3	223.44	LINK TO JAX BEACH, FOLKSTON & MIDDLEBURG
	904354	WD4BIW-7	223.44	BBS LINK
LAKE CITY		First Coast Amateur Packet Assoc.		
	904755	KA2WJU-6/5	145.01	LAN FREQ
	904752	KA2WJU-4/3	446.125	LINK TO GAINESVILLE
LAKELAND				
	813859	WD8IBY-3/2	145.05	LAN FREQ
MELBOURNE		Platinum Coast ARS		
	407724	AB4GI-2/1	145.01	
	407728	AB4GI-4/3	223.42	
	407729	AB4GI-6/5	441.00	
MIDDLEBURG		First Coast Amateur Packet Assoc.		
	904282	K4UBR-7	144.93	LAN FREQ
	904283	K4UBR-3	223.44	LINK TO JACKSONVILLE
	904289	K4UBR-10	28.195	10 METER LINK
	904782	N4KOX-6/5	145.07	LINK TO JACKSONVILLE
	904010	N4KOX-8/7	446.125	LINK TO ST. AUG. & DAYTONA
OCALA				
	904624	K4OZS-1/2	145.01	SINGLE PORT
	904237	K4OZS-3/4	145.03	LAN FREQ.
	904620	K4OZS-5/5	223.42	
	904732	K4OZS-11/11	145.01	
	904245	K4TSV-7	144.93	
ORLANDO		Central Florida Packet Group		
	407277	WD4HIM-8/7	145.07	LAN FREQ
	407275	WD4HIM-6/5	223.42	
	407849	WD4HIM-2/1	145.01	TIED TO 220 WD4HIM-6
	407423	WD4HIM-4/3	441.00	SINGLE PORT
PANAMA CITY				
	904235	WA6QKN-1/PFN1	145.01	LAN FREQ
PERRY				
	904584	KJ4ZI-1/PRY1	145.01	LAN FREQ
ST. AUGUSTINE				
	904829	KF4MX-7/6	144.99	ALSO SERVES PALATKA
	904825	KF4MX-5/4	446.125	LINK TO DAYTONA & MIDDLEBURG
ST. MARYS (GA)				
	912882	K4QHR-6	145.71	SERVES E. NASSAU CTY. FL
SARASOTA		SRQLAN		
	813922	W2TKU-5/4	145.07	LAN FREQ
	813923	W2TKU-3/2	441.00	
	813378	WA3LKW-9/8	223.42	
	813371	WA3LKW-7/6	145.09	
ST. LEO		EPARS		
	904567	AA4RU-7/8	144.93	LAN FREQ
	904025	AA4RU-2/3	223.42	
STUART		Treasure Coast Packet Group		
	407220	K4NTA-3/2	145.05	LAN FREQ
	407221	K4NTA-5/4	223.42	LINK TO NORTH & NORTHWEST
	407229	K4NTA-9/8	440.075	LINK TO WEST PALM & SOUTH
	407225	K4NTA-11	446.125	PROPOSED BBS LINK
SUNRISE		Motorola Amateur Radio Club		
	305748	WA4LZR-3/2	144.91	LAN FREQ.
	305411	WA4LZR-1/6	223.42	LINK TO MIAMI
	305104	WA4LZR-5/8	440.975	LINK TO BOCA
TALLAHASSEE				
	904893	WR4Z-1/TLH1	145.01	
TAMPA BAY AREA		TPALAN		
	813878	KOZXF-9/TPA	144.91	(TRI-LINK) USER ACCESS
	813040	KOZXF-4	441.050	BBS FORWARDING
	813020	KOZXF-5	223.42	
	813000	CROWD	144.91	CONFERENCE (KEYBOARDERS) ACCESS VIA KOZXF-9
TAVARES				
	904326	KF4C-2	145.01	LAN FREQ
WEST PALM		Palm Beach Packet Group		
	407655	WA4HXZ-3/2	145.03	LAN FREQ
	407111	WA4HXZ-7/6	223.48	LINK TO BOCA RATON
	407112	WA4HXZ-9/8	440.075	LINK TO STUART & BELLE GLADE
	407113	WA4HXZ-11	445.075	BBS FORWARDING
WINTER PARK				
	407677	WB4HYP-7	145.07	
	407671	WB4HYP-2	145.01	
VERO BEACH		Treasure Coast Packet Group		(Currently off the air.)
	407774	KB4PLH-5	223.42	LINK TO NORTH & NORTHWEST
	407778	KB4PLH-9	441.00	LINK TO NORTH & NORTHWEST
ZEPHYRHILLS				
	813782	N4DWY-6/5	145.07	LAN FREQ
	813068	N4DWY-8/7	441.00	

CLIP & SAVE

CLIP & SAVE

* This update replaces all previous lists which should be discarded. *
* Please send all corrections or additions to KB4VOL @ KB4VOL. Tnx! *

Palm Beach Repeater Association, Inc.

Presents the Sixth Annual

PALM BEACH COUNTY HAMFEST

Amateur Radio & Computer Show October 24 & 25, 1992

Early Reservation Information

Expo Center
South Florida Fair Grounds
Southern Blvd (State Rd 80)
West Palm Beach, Florida

Saturday October 24, 1992
9:00 AM - 5:00 PM

Sunday October 25, 1992
9:00 AM - 3:00 PM

- o Air Conditioned
- o Indoor Flea Market
- o Exhibits
- o FCC Exams Saturday & Sunday
- o Door Prizes
- o Ample parking spaces
- o RV full-hookup sites
- o On-Site Security
- o Quality Food Catering

Admission
Admission tickets are $4.00 in advance and $5.00 at the door. Tickets are valid both days.

Flea Market
Flea market tables are available on a first come basis. Overflow will be located in adjacent building. Flea market tables are $15.00 in advance and $17.00 at the door, if available. Tables are valid both days. If adjacent tables are desired, registration forms must be mailed together. Electric is available at $2.00 for both days. Admission tickets must be purchased with flea market tickets. Friday setup for flea market is from 2:00 PM to 8:00 PM. For more information call Vi Kiekenapp, KC4LCF - (407) 585-9074.

FCC Exams
Novice thru Extra exams are scheduled for Saturday and Sunday. Exams will start promptly at 9:00 AM. Exams will be held on site.

Vendor Area
For Vendor information contact Hal Gainen, N4UIT at (407) 439-0805.

Talk-In Frequency
Talk-In Frequency will be the 147.165/147.765 repeater with 146.520 simplex used for close in work. Talk-In will be active one hour before Hamfest hours and one hour before Setup hours.

Lodging
Days Inn - Turnpike (407) 686-6000
6255 Okeechobee Blvd
West Palm Beach, FL 33417

Reservations must be made directly with Hotel. Reservation deadline is October 9th, 1992.

Full-Hookup RV Sites
RV sites will be available through the South Florida Fair Grounds. Call 1-800 527-3247.

>>>> 38,000 Square Foot, Air Conditioned Expo Center <<<<

PBRA

Advanced Registration Form

Palm Beach County HAMFEST 1992
Reservation Deadline October 9th, 1992

(Please Print Clearly)

Name _____ Call _____

Address _____

City _____ State _____ Zip _____

Phone _____

	Qty	
Admission (valid both days)	____	@ $4.00 _____
Flea Market	____	@ $15.00 (per space) _____
Electric		@ $2.00 _____
Total		_____

Send a S.A.S.E and make checks payable to:
PBRA HAMFEST, P.O. Box 461, Lake Worth, FL 33460

RATE CARD INFORMATION

HAMBAR service of electronic equipment only is available to all subscribers, amateurs and non-amateurs at the rate of 10 cents per word, which includes address, call sign, etc. Minimum charge for any HAMBAR is $3.00. All commercial and non-subscribers rate is 15 cents per word. Minimum charge of $5.00 for each HAMBAR. No reruns. Each HAMBAR must be resubmitted each month. No ad will be published unless accompanied by full remittance! We require all HAMBAR ads contain the full mailing address, call sign, zip and area-phone number, if any. Make it easy for person wanting to buy your equipment. No HAMBARS via telephone!

COMMERCIAL DISPLAY

Full-page $125.00. Half-page (1/2) $80.00. One-quarter (1/4) page $55.00. One-third (1/3) page $70.00. One-eighth (1/8) page $40.00. Camera ready. Lay-out, make-up and typeset fee is extra according to size of ad and typeset required for same.

Deadline for all HAMBARS and ads, eighth (8th) of each month in P.O. Box 501, Miami Springs, Florida 33266. Normal mailing date 25th of each month. Thank you for your cooperation.

—Editor.

TRI-EX SKYNEEDLE TOWER FOR SALE: TM-370C (motor) included, co-ax standoffs, personnel ladder, work platform, rotating mounting assemblies with CDR (Ham IV), remote control kit. Also 15 foot mechanical steel mast with welded steps, KLM 20 meter 'Big Sticker", KLM 440 paired directional antennas, HY-GAIN 2 and 440 meter paired directional antennas. Topped with 2 and 440 OMNI Directional antennas. MUST SEE. Make offer. Will sacrifice. Victor H. Witten WB4JQA, 4901 SW 93rd St., Miami, FL 33156 305 667-3224.

SOME OF US CAN REMEMBER WHEN ALL KITCHEN TOOLS WERE CORDLESS. . . tks W4ZGG.

SALE: KENWOOD 830S, mint condx, one owner. Try before buy. First $475. CASH takes it. Jack Wacher W4OBA, 3670 Quail Ridge Dr. Boynton Beach, FL 33436 407 734-5354.

MUST SELL TOWERS. SACRIFICE $200. each. Chauncey Barnes K4DZP, 7840 SW 96 St., Miami, FL 33156 305 274-4523.

FOR SALE: used ROHN TOWERS, 25G streight, $25. each. top sec. $35. Concreat base plates $35. Used Rohn tower, 55G 10 Streight sections, $75. Used Rohn self-spport tower available, call for details. Antennas: Used DB-410 UHF 10 dB gain omni, $150. Used DB-420 UHF, 10 dB gain, omni $150. ea. DB-268 VHF 4 bays, $150. ea. DB -224 VHF 4 bays, $150. ea. dB-222 2 bays $75. ea. DB-408D dual bay, UHF, $175. Celwave PD-220 VHF omni, $150. ea. DB-436- UHF Yagi $25. ea. Celwave, PD-1109 800 mHz omni $125. Celwave PD-1151 UHF, omni, Superstation Master $150. ea. Celwave PD-1612, 7 element 800 MHz Yagi $25. Used Andrews 1/2 inch Heleax cable at 75 cents per foot. Andrews 7/8 inch Heleax cable $2. per foot Cablewave 1/2 and 7/8 inch cables in house, Andrews 1 5/8 inch Heleax $6.50 per foot. 1/2 inch aluminumax cable 45 cents per foot. Andrews 1/2 inch "Superflex" cable cut your length with economy connectors installed, tested $1. per foot and $5.00 per conn. installed. Used connectors available, cut your cost. Call me first. Adam Wantuck (no call sign or address given!) Phone 305-752-7781.

PESSIMIST: SOMEONE WHO MAKES MOLEHILLS OUT OF MOUNTAINS.. . .

SALE: KENWOOD TS940S-AT (With antenna tuner) like new condition. A steal! Must be seen to be belived! Presently being used on all modes (Amtor, RTTY, CW, Packet, HF/Packet, SSB) Very Clean. Mofified for Xmit/All freqs with manual. $1300.00 Armando Villamor, WA4QVH, 9020 SW 29th Terr., Miami, FL 33165-3223 305 554-8361.

SELL: J C Penny CB/SSB moible PTT mic with 4-pin connector . Works with any Kenwood/Yeasu with 4 pins, like new $12.00 Eletrophonic Dynamic Stereo headphones, 8 ohms, soft cushons, like new $10.00. BEARCAT III Scanner, 8 chnls, xtal, with ant. $35.00.Heathkit transistor checker Mod. I1-18, Brown plastic carrying case $22.00 Nicad Cell charger, by Liart mod. 200. Can carge from 1 to 6 cells in series. variable voltage 1-25 volts to 200 ma. with printed chart on front $15.00. All above plus UPS. RCA XL100, 25 inch color Monitor/TV, good condition $39.00 Same as above news focus control $25.00. Pick up only! Have various lengths 22 to 54 feet 73 ohm coax with BNC connectors on both end only $1.50 each plus UPS. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

ANTENNA SALE: Cushcraft D3W WARC rotatable dipole for 30, 17, 12 M $100. TelRx 2M814 2M beam $75. Pair of TelRex 6M624X (heavy duty) 6M beams with TelRex 20 foot stacking-phasing harness with N-Connectors $250. Beams only $125. each. Harness only $25. TelRex 6M1136 6M beam, 11-ellemnts, 36 - foot book $250. Colatchco guyed 1/4 wave 80 M Vertical $50. 80M phasing lines and remote switching box for pair of verticals $75. Hy-Gain 205B-S 5 element 2M FM stainless beam $25. Create AFA-75 2 element phased arry beam for 75M (Very big beam) $500. Pro-search 1-A antenna controller $150. Palomar PT-340 tuner-tuner $50. Palomar BA-2000 5kW boom balun (Brand New) $60. Mike Raskin K4KUZ, 561 West Tropical Way, Plantation, FL 33317 305 583-4026 after 9 AM.

The most UTTERLY LOST OF ALL DAYS IS THAT IN WHICH YOU HAVE NOT ONCE LAUGHED... tks ZGG.

SELL: OMNI - 5 $1200. 1 yr old. CORSAIR - 1 $625. Both Ten-Tec excellent condx. All band 12 VDC 100 watts SSB-CW. Ed Link (No call sign given) 9146 Pinto Dr., Lake Worth, FL 33467 407 965-0684.

SELL: 3 mtr Yaesu FT-209RH, charger NC-15, beam with cables etc. $125. E. Craig K4JGU, 45 So. Entrada Dr. Hollywood FL 33021 305 983-4536.

SELL like new in box . All Kenwood: TS430S with all filters, power supply 430, tuner AT-250, spkr SP430, patch PC1A, mic MC-60 2 meter amp 2530, hand held 2 meter ICOM IC02A AT. Everything you need except antenna for $1100. N. Mitchell KI4VA, 9780A Pecan Tree Dr., Boynton Beach, FL 33436 407 738-4859.

ANTENNAS FOR SALE: Mosley Classic 33 - tri-band $95.00 Wilson Sys 33 Tri-band. Conrad W. Kibler WB4ARS, 10102 Cliff Cir. Tampa, FL 33612 813 933-2850.

ROTORS: REPAIR SERVICE. American made rotors reconditiong. Labor charge for repairs only $20. Rebuilds $35. parts are charged extra. Conrad Kibler WB4ARS, 10102 Cliff Cir., Tampa, FL 33612 813 933-2850.

FOR SALE: Kenwood TR 7900 2 meter mobile with clip on antenna, phone pad mike, instructions manual and all hardware. Bill Abrahams K4HBR, 1600 S. Ocean Dr. 5H, Hollywood, FL 33019 305 920-8580.

LOOKING FOR parts or junked beams or quads made by Mini Products Inc., Also control box with good meter for TET Rotor. Please drop me a card or note. John Lyster KM4CB, 8269 SW 204 Ct., Dunnellon, FL 34431 904 489-0605.

PEOPLE WHO NEVER PLAY GOLF WILL BE ABOUT OTHER THINGS.....LIE ABOUT OTHER THINGS.... ..

SELL: LINEAR amplifier and antenna tuner - BTI LK2000 & Dentron MT-3000A, full legal power with reserve $1000. or best offer. Richard Vanhook N4EV, 8405 SW 102 Pl., Miami, FL 33173 305 271-8281.

WANTED: DISK drive for Coleco Adam computer in good condion. Quote price. Victor M. Lopez N4ICP, 16610 SW 99th Ave., Miami, FL 33157-3246 305 378-9496.

THE WORSE MISER IS THE PERSON WHO WILL NOT GIVE L O V E.... tks W4ZGG.

STOLEN H/T. Be on lookout for Kenwood TH-27A stolen from my car sometime after midnight on 25 July 1992. Serial No. 20502548. Reward for return. Harry Mead W4MRY, 407 - 277-0391 or 407 281-1288 or write 38 N. Alder Dr. Orlando, FL 32807.

WANTED: YEASU FI-7000 linear amplifer. Poor look or shape not important. Louis Petrole KB4NGH, 800 West Ave. No. 729 Miami Beach, FL 33139 305 534-0940. Leave message.

SELL: FT-33/R Handy-talkie (220 mHz) with 12 volt battery for full 5 watts, and rapid charger, Private line/ touch tone pad. Complete $225. Like New! G. Pohl (No call sign given) P. O. Box 4452, Homasassa Springs, FL 34447 No phone available.

SOLITUDE IS A GOOD PLACE TO VISIT BUT A POOR PLACE TO STAY... tks W4ZGG

FOR SALE: Hy-GAIN 18AVT6WB-5 vertical antenna. Covers 10 thr 80 meters, includes spare traps $75. ICOM phone patch $45. MFJ versa tuner $25. MFJ artificial RF ground $40. Never used. Capacitors (variable) for ARRL Ultimate antenna tuner, plus additional parts $80. Rated at 2 kW. Isotron Portable/ Mini antennas. One for each band, 10M, 15M, 20M, worth $180. sell $95. All manuals and boxes. Sell or trade all. Louis Petrole KB4NGH, 800 West Ave. No. 729, Miami Beach, FL 33139, 305-534-0940.. Leave message on machine.

IF YOU DON'T LIKE MY ATTITUDE CALL 1-800-WHO-CARES. Tks KI4GH

UHF POWER AMPS, TPL Mod4I PA6-1AE (Commercial duty) FM 400-512 mHz, eaisly convertered to SSB. At 13.8 volts 1-6 watts in gives 70-100 watts out. $125. each with documentation. Ron DuPont, KA4GFQ, 889-1335 weekdays 7 to 4PM, 6445 NE 72nd Ave., Miami, FL 33166.

PACKET STATION FOR SALE: PK-88, IC28A MacRATT with FAX terminal software and all cables. $380. OBO. Frank Nankin K4BNZ; 16558 NE 26th Ave., Miami, FL 33160 305 944-1908.

WANTED: TUBLAR (WILSON, maybe) tower with mounting base/optional rotor base. Bill Avant WA4QVU, 12221 Genter Dr., Spring Hill, FL 34609 904 686-7254.

ANOTHER BRILYUNT MIND DIZTROYED BY THE PUBLIK EDUKASHUN SISTUM.... Duke KI4GH.

WANTED: ALL DADE COUNTY AMATEURS WHO HAS CABLE TV TO WATCH YEA EDITORS TV SHOWS ON CH. 35, Cable Tap, FROM 10 to 11 PM each SATURDAY NIGHT. SHOWS ARE PRODUCED IN MIAMI SPRINGS. WE ALSO HAVE ABOUT 10 HOURS A DAY ON DYNAMIC CABLEVISION CH. 50. MON-FRI STARTING AT 11 AM AND REPEATING AT 7 PM. Tks. W4IYT

BEST DEAL IN FLORIDA... Your HAMBAR SERVICE is the best deal around. Look at Hambars 6 and 7 above. What does that tell you?? Two guys with 3 miles of each other. One sells one buys!! Within the hour the deal could be made, maybe not. All HAMBARS are printed within only a few weeks or days when submitted for publication. All in Florida, not Ohio Kansas or Califorinal! Think about it. 73 -- AC

MAPS MAPS MAPS: Florida Skip has a 144, 220, 440, Packet Statewide nets lising frequencies in each city. They are 11 by 17 inches clearly printed for only .25 cent each with your Self address Stamped Envelope. (SASE') Please do NOT send Buck Twentyfive and expect me to supply postage and envelope. Send to: MAPS (with request), P. O. Box 501, Miami Springs, FL 33266 . Thank you. Editor

URGENTLY NEEDED: CW traffic operators to check into Gator Net Daily at 8:30 AM on 7076. Need urgenly Orlando, Jacksonville, Pan Handle, St. Pete, My Myers and all others. IF condtions poor on 7067 at 8:30 QSY to 3651. HELP. W4DL Mgr.

Sell Or Trade: Commodore C-128 computer, 1571 disk drive, 1902A 80 col. color monitor, Star NX-1000 printer, 128K RAM extension, power control center, 1200 baud modem, mouse, and hundreds of dollars worth of commercial software. Will sell for $400. FIRM or will trade for a 2m/70CM mobile dual band rig. Norm Ward N4RBR, 18811 W. Oakmont Dr., Miami, FL 33015 305 829-5437.

BEARCATSCANNERS NOTICE

SKIP received word that Bearcat scanners can be repaired by Uniden America Corp., 9900 Westpoint Dr., P. O. Box 501368, Indianapolis, IN 46250 Phone 317 842-2483. Average charge is $49.00 which includes parts, labor and a 90 day guarantee.

If you have any further questions, please call Customer Service at 317-842-2483 ext. 592. (This info supplied by John Fontaine)

1992 Lake County
HAMFEST & ELECTRONICS EXPO

November 7, 1992

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VE Exams at 1:00PM
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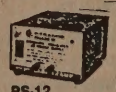
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BZZZZT! BZZZZT! BZZZZT!

By Florida Skip Correspondent
Carl Zelich, AA4MI

What goes bzzzzt in the night? Hey, what's your Stinger number?

It's the Mosquito Net! It started as a means to promote use of the ten meter band in and around Titusville. It now has over 400 members in 47 states and 9 countries including South America and Europe!

Jose Ramos, KC4VIO, and Carole Ramos, KC4VIN, started the "Titusville Florida 333 Mosquito Net" in March 1991.

The Mosquito Net meets each Wednesday evening at 7:30 p.m. local time on 28.333 MHz. The frequency was chosen so that Novice hams could participate. The net is sponsored by the Titusville Amateur Radio Club (TARC). It's name was chosen because of the nearby Mosquito Lagoon.

This is a fun net. Stingers exchange ideas, tell personal stories, ask for advice and make announcements of general interest to the ham community. If you get a laugh or smile from the net, it has accomplished its purpose. The direction this net follows is mainly determined by the participation of those who buzz-in.

Jim, N7QHK, in Scottsdale, AZ, functions as Official Relayer for stations checking-in from the western U.S.

Jose maintains the check-in or "buzz-in" count for each mosquito. He also verifies this in their Hambase computer database. After 40 checkins, a station qualifies for a Checkin Certificate.

Each member gets a Stinger Number. And if you do something special for the net, you might get a genuine multicolor pipe-cleaner mosquito!

One Stinger sent Jose and Carol an Idaho Mosquito Trap that looks like a miniature bear trap. Another Stinger, Bettye Tiemeyer, K3VRZ, of Chestertown, Maryland sent them a Mosquito House. It is a miniature wooden house that will hold 49 skinney mosquitoes.

Bud Hughes, K4CWG, president of the TARC, says that without a doubt, the popularity of the net is due to Carole's winning ways.

The Ramos family now has 5 hams: their youngest son, Mickey, KD4JAU; his wife, Teresa, KD4JYE and their oldest son, Jose, KD4RVB.

On October 3rd, the Titusville ARC will hold a special event at Dunn Airfield from 9 a.m. to 5 p.m. See you on 28.333 MHz. Bzzzzt.

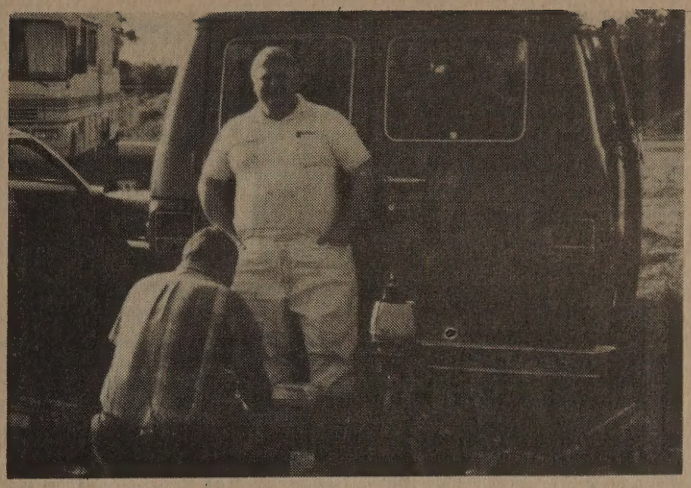
PHYSICIAN'S CERTIFICATION FOR HANDICAPPED AMATEUR OPERATOR

Effective August 1, 1992, any amateur operator licensed applicant seeking code credit because of a severe handicap, the duration of which will extend for more than 365 days beyond the date of the physician's certification, must use FCC Form 610 dated March 1992. The applicant must complete the patient's release on the 610.

The Commission adopted a Report and Order on December 12, 1990, that exempted from the 12 and 20 words per minute (wpm) telegraphy examinations amateur operator licensees who are incapable of passing those examinations due to severe handicaps. Because of international requirements, however, no exemptions will be granted from the 5 wpm telegraphy examination.

Section 97.505(a)(5) of the Commission's Rules, 47 C.F.R. 97.505 (a)(5), requires that a physician's certification and a patient's release permitting disclosure to the FCC of medical information pertaining to the handicap be completed. The term "physician" is limited to practitioners with full medical privileges, that is, doctors of osteopathy or doctors of medicine.

For further information contact Consumer Assistance Branch, 717-337-1212.



Palm Beach QCWA Chapter 111 member Henry Felton, WA4HXZ, Enjoying the Tailgating at the Okechobbee Hamfest. Watch HAMFEST COLUMN for uping coming Hamfest in future issues. (Photo by Bob McDow, W4KOG)

BREVARD COUNTY CONSOLIDATES PACKET OPERATION

By Gerry Wentz, Florida Skip Correspondent

The BREVARD PACKET GROUP (BPG) has been formed to promote cooperation among packet operators within Brevard County and to improve services between Brevard County and neighboring counties.

Initially, the BPG enlisted the support of all amateur radio clubs and packet-service providers in the county to establish guidelines and objectives. Each club appointed knowledgeable and experienced packet operators to act as liaisons with the BPG. A meeting of the packet-service providers and the representatives was held to consider and recommend: basic guidelines and objectives for the BPG and a restructuring plan for the Local Area Network (LAN). There was unanimous agreement by everyone to cooperate in this endeavor that will unify packet operations throughout the county.

Once the technical and logistical problems are resolved among the packet-service providers, the BPG will enlist the support and participation of all serious packet operators in the county to create a cohesive organization that will serve the interests of all. A general meeting of all interested packet users is forthcoming and will be held at a later date to be announced.

The organization of the packet group has been spearheaded by Harry Frey W2IMA, a longtime packeteer of Brevard County. It was an ambitious project in that the concept was to unite Brevard County as a single LAN that would allow keyboard to keyboard operation throughout the county. Pulling all of the key dedicated packet-service providers together to formulate a plan was a formidable task but it was accomplished. In a reasonable leagth of time, one should expect to see 145.07 as the LAN frequency with the BBS activities remaining of 145.09. Non-BBS users are encouraged to move their activities to 145.07 and 144.99 as soon as the complete realignment is in effect.

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THE FOLLOWING STATE LAW ITEMS FROM W4JKK MIAMI

An act relating to radio communication; creating ss. 125.0185 and 166.0435, F.S.; prohibiting counties and municipalities from enacting or enforcing restrictive ordinances governing amateur radio antennas; providing for construction of such antennas in conformance with federal requirements; providing for the application of the act; providing an effective date.

Be It Enacted by the Legislature of the State of Florida:

Section 1. Section 125.0185, Florida Statutes, is created to read:

125.0185 Amateur radio antennas: construction in conformance with federal requirements.—

(1) No county shall enact or enforce any ordinance or regulation which fails to conform to the limited preemption entitled "Amateur Radio Preemption, 101 FCC 2d 952 (1985)" as issued by the Federal Communications Commission. Any ordinance or regulation adopted by a county with respect to amateur radio antennas shall conform to the above cited limited preemption, which states that local regulations which involve placement, screening, or height of antennas based on health, safety, or aesthetic considerations must be crafted to reasonably accommodate amateur communications, and to represent the minimum practicable regulation to accomplish the local authority's legitimate purpose.

(2) Nothing in this section shall effect any applicable provisions of chapter 333.

Section 2. Section 166.0435, Florida Statutes, is created to read:

166.0435 Amateur radio antennas: construction in conformance with federal requirements.—

(1) No municipality shall enact or enforce any ordinance or regulation which fails to conform to the limited preemption entitled "Amateur Radio Preemption, 101 FCC 2d 952 (1985)" as issued by the Federal Communications Commission. Any ordinance or regulation adopted by a municipality with respect to amateur radio antennas shall conform to the above cited limited preemption, which states that local regulations which involve placement, screening, or height of antennas based on health, safety, or aesthetic considerations must be crafted to reasonably accommodate amateur communications, and to represent the minimum practicable regulation to accomplish the local authority's legitimate purpose.

(2) Nothing in this section shall effect any applicable provisions of chapter 333.

Section 3. This act shall take effect upon becoming a law.

Became a law without the Governor's approval April 27, 1991.

Filed in Office Secretary of State April 29, 1991.

CLIP & SAVE

CODING: Words ~~stricken~~ are deletions; words underlined are additions.

NOTICE SNOW BIRDS...

PLEASE — when you FLY North or South, or any other place, please let us know at least 2 to 3 weeks in advance. When you move without advising us, the Post Office returns your SKIP and it costs us 35 cents for each issue. It used to be 15 cents, but they increased it over 100 percent. *Please help us do a better job for you... Thanks!! Editor.*

NON-HAM FINED FOR OPERATION ON AMATEUR 2-METER REPEATER

On July 9 the FCC issued a Notice of Apparent Liability to one Gino A. Turrella, of Kent, Washington, a non-amateur and the target of what the Commission called "numerous complaints" for transmitting profane language and making threats "on various amateur radio repeater stations throughout Western Washington."

The FCC's Kirkland, Washington Field Office said that on two occasions in September and November, 1991, it observed Turrella operating a radio transmitter in his pick-up truck "simultaneously when radio transmissions consisting of profane language were observed on 144.73 MHz.

Citing Turrella for "willful" violations of Section 301 of the Communications Act, the FCC held Turrella liable for a $10,000 monetary forfeiture; $2,000 more than its "base" amount of $8,000 because the transmissions were repeated and "consisted of profanity and threats."

Turrella has 30 days to respond by either paying the fine or by sending a "detailed rebuttal statement of facts and reasons" to the Commission. **The ARRL Letter August 10, 1992**

DO YOU REMEMBER . . .

. . . the Therimen?

It was the first electronic instrument to replace a musician's piece, in this case a cello. It appeared in the early 1930s, and was manufactured by RCA. It was an oscillator, with an amplifier and a separate large loud speaker. By varying the distance between the left and a horizontal loop rod, the volume was controlled. The right hand was moved, sometimes with vibrato, toward a vertical rod to create the range musical notes. It was a perfect replacement for a cello.

Last known use of this instrument was in motion picture orchestras in Hollywood.

A few years ago, QST or some ham magazine presented an article complete with instructions on building one of these.

— de Howard, K4FMJ
— From Gulf Coast ARC

NOTE FROM EDITOR

How do you like our new look ?? We have a new typesetter. If you like it, tell us so please. We are trying to make it easier for you to read!! AC

BIG TOTALS

According to a recent press release from ARRL Field Forum, North Florida has 11,072 FCC licensees and 3,368 ARRL members. South Florida has 21,448 licensees and 5,787 ARRL members for a grand total of 32,520 licensees and 9,155 ARRL members.

BOY! THAT'S A LOT OF HAM!

New Wave of FCC Enforcement Begun

by George Hinds, N8CIX

The FCC has dramatically increased fines for radio law violations, and issued orders to its field offices to accelerate enforcement. Results weren't long in coming.

David Plourde, N1IZR, was fined $10,000 for transmitting with non-type-accepted equipment on CB.

A non-amateur was fined $8,000 for transmitting on 40 meters and Don Bishop, NØEA, was fined $10,000 for transmitting on 7420 and 15050 KHz for a prolonged time. Bishop, an Extra, was playing taped broadcasts of a pirate radio station over his ham mobile equipment while driving on an interstate highway. He was tracked by FCC monitoring stations and apprehended near Limon, Colorado in October of 1991.

Also Chas. Pascal, WB6CIY, and Sandra Crane, N6FTO, both Extras, face revocation of licenses as a result of their VE "services."

Richard E. Mattice of Zion, Illinois was hit with a $10,000 fine for his June 1991 transmission of a fake MAYDAY, using unlicensed radio equipment aboard a vessel. The marine unit of the local sheriff's department made the arrest in cooperation with the U.S. Coast Guard.

On March 12 and 13, 1992, FCC field engineers knocked on the doors of illegal "freeband operators" all across the nation. They targeted those operating between the low end of the 10-meter ham band and CB channel-40 at 27.4 MHz. Some sixty violators received citations that will result in hefty fines and the list of violators contains a few licensed Radio Amateurs.

from the May '92 'MARC Communicator' of the Mountain ARC, Teller County, CO— George Hinds, N8CIX, Editor